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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1916.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated, after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard of the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All regular and special observations will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083 will be in the standard of time in local use.

FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observations must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later than 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 71, 93, and 226). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the " sum of corrections " as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer " the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, +.008. The temperature correction card gives a correction of —.089, to which add the sum of correction +.008= —.081 to be used and recorded in column headed " Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the " monthly temperature " to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ±0.3 or more in the case of mercurial thermometers, and ±0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is —0.5°. The true temperature is, therefore, 62.0°—0.5°=61.5°. For a reading of —8.0° the correction is —1.2°, the true temperature is —8.0°—1.2° = —9.2°. For a reading of —28.0° the correction is +7.8°, the true temperature is —28.0°+7.8°= —20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is —0.6°, and at —28.0° is —2°. The change of correction between +2° and —28° is —1.4°. For 7° it is about —0.3°. For a scale reading of —35.0°, which is 7° below —28.0°, the correction is —2.3°, and the true temperature is —35.0° —2.3°= —37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers: that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer reading should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than

the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th, or 120th meridian time the 8 a. m. and 8 p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be eliminated by complying with the instructions contained in paragraphs 24, 25, and 27 of Circular G, Instrument Division.

67. In tabulating the data from photographic records it will be necessary to change local mean time to the standard of time in local use. Hour lines

will be ruled on the photographic record in red ink to correspond to the standard of time in local use. If the local mean time of the station is twenty minutes faster than the standard of time in local use the red-ink hour lines will be ruled twenty minutes to the right of the hour lines, and if local mean time is twenty-five minutes slower than standard of time in local use the lines will be ruled twenty-five minutes to the left of the hour lines, etc. The data will then be tabulated with reference to these adjusted hour lines.

68. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

69. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

70. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

71. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

72. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

73. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

74. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

75. The "Percentage of possible for each hour" will be determined by dividing the "Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month.

76. All percentages will be recorded to the nearest whole per cent.

77. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

78. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 77, but the record for the entire time will be in black ink.

79. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

80. When the photographic sunshine recorder is used the sensitized charts containing the permanent record will be pasted on Form No. 1065, provided for that purpose, before forwarding them to the Central Office (see paragraphs 25 to 27, Circular G, Instrument Division), but all data will be tabulated on page 4, Form No. 1001, only in accordance with the special instructions given.

WIND.

81. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 181–184. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

82. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

83. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

84. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

85. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

86. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form No. 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as " 0," the direction for that hour will also be " 0."

87. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

88. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

89. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

90. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

91. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

92. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

93. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 163). This velocity will be entered in the space provided at the top of the page.

CLOUDS.

94. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

95. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record " Few "; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

96. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

97. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as " Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

98. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as " Smoky " or " Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

99. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

100. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

101. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds " St.Cu." and the state of weather " Light rain," etc. When precipitation is occurring with dense fog, record the clouds " 10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

102. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

103. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

104. The " Character of day " will be determined from data in column headed "Average cloudiness "; zero to three, inclusive, record " Clear "; four to seven, " Partly cloudy "; eight to ten, " Cloudy."

PRECIPITATION.

105. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

106. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

107. The amount of rainfall will be determined by measuring with the " measuring stick " the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded " T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

108. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

109. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

110. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

111. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

112. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

113. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as " a " and " p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

114. The depth of snowfall (which remained on the ground for an appreciable length of time) during the preceding twenty-four hours will be entered each day in the column headed " Unmelted ____ p. m. to ____ p. m.," on page 8.

115. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as " T," and in the case of the latter a marginal note " Melted as it fell " will be entered.

116. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed " On ground at ____ p. m.," page 8.

117. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 115.

118. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

119. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

120. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and " Misting," "Sprinkling," " Light rain," " Heavy rain," " Light snow," " Heavy snow," " Sleeting," " Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 97, 98, and 105). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the " State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as " Clear."

121. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after " State of weather."

FOOTINGS AND SUMMARY.

122. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 205.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l., unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ____ p. m. to ____ p. m.," page 8.

p. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 106.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

123. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

124. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

125. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

126. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

127. All frosts occurring at any station between May 1 and August 31 will be recorded.

128. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 125.

129. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

130. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

131. Pages 11 and 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

132. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

133. The meteorological notes will be written with a typewriter and the writing should be single spaced. Both sides of the sheet will be used, and, if necessary, an additional sheet will be inserted. A press copy will not be made.

134. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

135. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

136. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

137. Noteworthy facts in regard to frosts will be recorded in accordance with paragraphs 125–130.

138. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

139. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs in the vicinity of a station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed "Total" and "Possible" will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The "Percentage" will be taken from the monthly percentage of "Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed "Prevailing direction") will be determined from the sums of "Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed "For the month" from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

FORM No. 1003.

153. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

154. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

155. Enter against the heading "Temperature at the end of hour" the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

156. Under "State of weather" enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be "R. B. 9.15" in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

157. On the right-hand margin of the form, opposite the heading "Nature of precipitation," etc., the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

158. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

159. In the spaces against the heading "Amount of precipitation" will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

160. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

161. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

162. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

163. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding _____ miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

164. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

165. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

166. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

167. All special features will be indexed.

FORMS No. 1015, No. 1017, and No. 1028.

175. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

176. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

177. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

178. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

179. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

180. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

181. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

182. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

183. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

184. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

185. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

186. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

187. The total movement by register for any period will be obtained by counting the number of marks in the period.

188. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have 91+990=1,081; 1,081—950=131, the total movement of the wind in miles from noon to noon.

189. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

190. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

191. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

192. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

193. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

194. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

195. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

196. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (\), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

197. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

198. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 109 and 110.

199. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

200. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

201. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

202. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

203. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

204. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

205. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during period of time indicated.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	--------	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	--------	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

206. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

207. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

208. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

209. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

210. Example 2. The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

211. In performing the divisions indicated in these examples the observer will always drop all fractions.

212. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

213. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

214. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

215. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

216. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

217. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 223 and 224.

When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

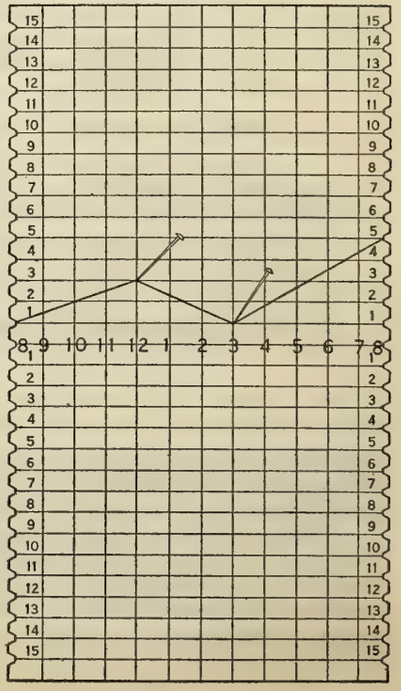
218. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

219. Barograph Time Error.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

220. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

221. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

222. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.



Thermograph correction card.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

223. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 217, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

224. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

225. These corrections will also be entered on the trace sheet, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the record.

226. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

227. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

228. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

229. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess of deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

230. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

231. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030—Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

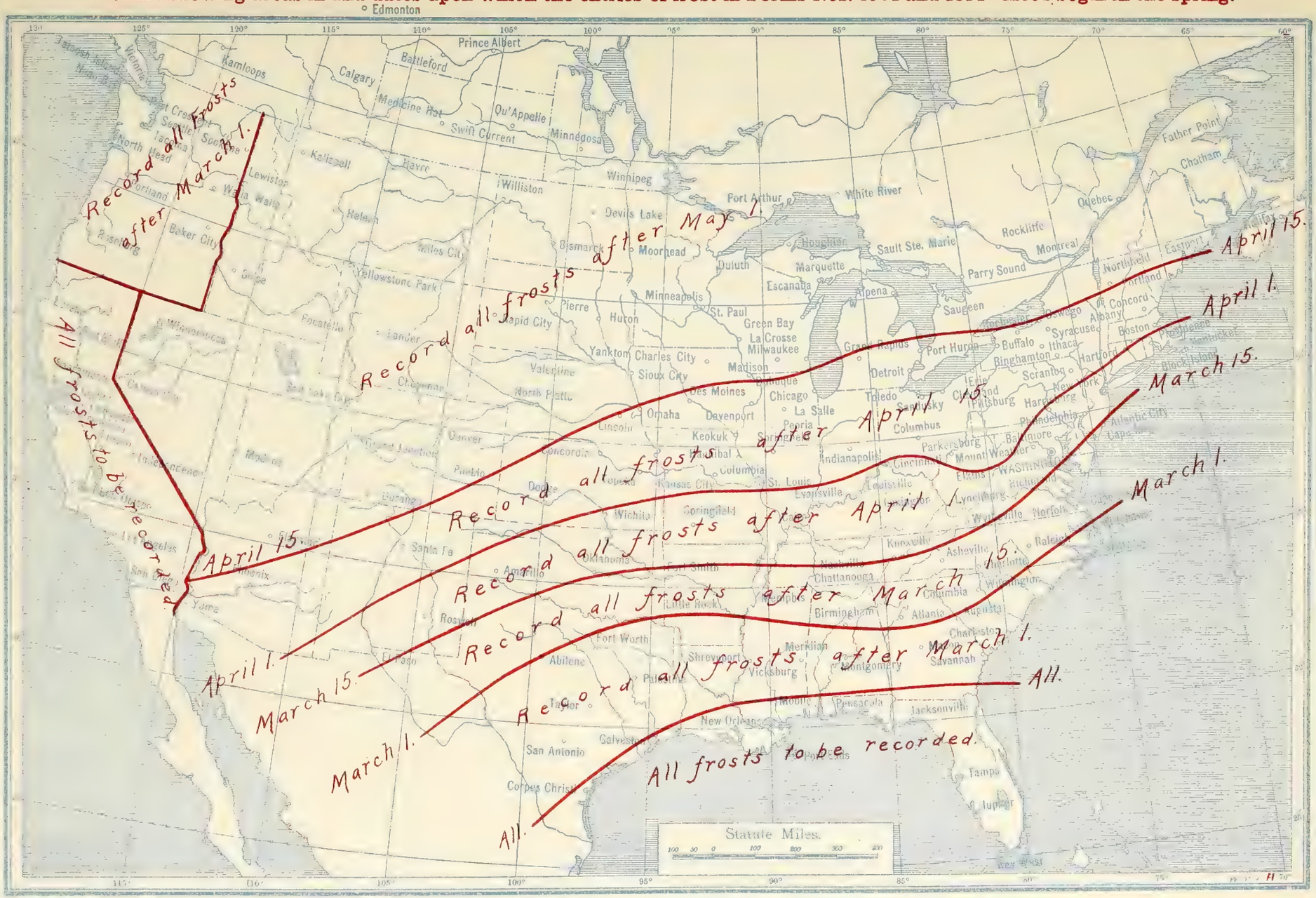
232. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

233. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

FORM No. 1083.

234. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Chart showing areas in and dates upon which the entries of frost in Forms Nos. 1001 and 1014—Met'l begin in the spring.



Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, *191* 7

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 AM., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun streets, rooms 911 - 912; first observation taken in present office, 7:00 A.m. May 20, 1911.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1917

Number of Station barometer, 6 5 6; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's. Max.	Self-reg. ther's. Min.	Wind. Dir.	Wind. Velocity.	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m.	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	29.019	.112	28.907	29.86	36.3	35.0	35	97	.203	35.6	31.8	SW	15			T	10	Nb	SW	Snowing		CAS	1
2	69.5	29.207	.117	29.090	30.04	23.0	20.4	14	65	.077	34.2	22.4	SW	7			0	0	0	0	Clear		CAS	2
3	68.0	28.815	.112	28.703	29.63	39.0	37.5	36	88	.211	44.6	34.8	W	18			.01	10	Nb	W	Lt Rain		CAS	3
4	68.0	29.085	.112	28.973	29.92	31.2	30.6	30	94	.164	37.6	29.9	NE	3			0	7	St Cu	W	Pt Cloudy		CAS	4
5	70.0	28.650	.117	28.533	29.45	36.1	35.6	35	95	.203	41.2	36.1	NW	9			.68	10	St Cu	N	Cloudy		CAS	5
6	65.5	29.387	.107	29.280	30.24	25.5	24.6	23	89	.118	33.0	25.5	S	6			0	3	St	S	Clear		CAS	6
7	67.0	29.220	.110	29.110	30.06	31.0	28.0	23	69	.118	39.0	30.8	SW	13	27	SW	0	7	St Cu	W	Pt Cloudy		CAS	7
8	68.5	29.243	.114	29.129	30.09	26.0	25.0	23	88	.118	26.7	24.1	S	12			0	0	0	0	Clear		CAS	8
9	66.0	28.773	.106	28.667	29.61	34.9	33.4	31	86	.172	39.0	34.1	SW	8			T	10	Nb	SW	Lt Snow		CAS	9
10	63.6	28.639	.098	28.541	29.47	33.0	31.0	28	80	.150	41.8	33.0	NW	20			T	10	St Cu	NW	Cloudy		CAS	10
11	68.5	29.204	.114	29.090	30.06	5.0	3.2	-7	53	.026	20.0	3.8	W	6			.02	2	Ci St	W	Clear		CAS	11
12	67.0	29.490	.111	29.379	30.36	4.6	4.0	-1	84	.040	10.4	1.5	S	5			0	10	St	SW	Cloudy		CAS	12
13	67.5	29.316	.112	29.204	30.16	26.2	25.8	25	95	.130	28.8	18.6	SW	10			.08	10	St	W	Cloudy		CAS	13
14	67.0	29.575	.111	29.464	30.46	-2.6	-3.0	-6	85	.028	7.4	-3.1	SW	7			T	2	St Cu	SW	Clear		CAS	14
15	70.0	29.960	.121	29.839	30.84	8.8	8.0	5	82	.049	8.8	6.0	N	4			0	10	St	N	Cloudy		CAS	15
16	68.0	29.931	.116	29.815	30.82	4.0	3.4	0	84	.038	13.4	3.6	NW	2			0	1	Ci St	E	Clear		CAS	16
17	65.0	29.613	.106	29.507	30.49	13.0	11.2	5	66	.049	17.2	7.6	SW	9			0	10	St Cu	W	Cloudy		CAS	17
18	58.0	29.036	.086	28.950	29.91	25.0	23.8	22	85	.113	25.0	20.6	SW	20	29	SW	T	10	St Cu	W	Cloudy		CAS	18
19	64.5	29.342	.104	29.238	30.21	10.5	9.8	7	85	.054	20.2	10.0	SW	10	26	W	0	3	Ci St	SW	Clear		CAS	19
20	68.0	29.163	.113	29.050	30.01	20.8	20.0	18	89	.093	22.0	18.6	SW	12			0	2	St Cu	W	Clear		CAS	20
21	66.5	28.988	.108	28.880	29.83	24.8	24.2	23	93	.118	31.0	24.2	NE	15			.20	10	Nb	NE	Heavy Snow		CAS	21
22	60.0	29.040	.091	28.949	29.90	19.0	18.0	15	85	.081	48.1	18.2	SW	14	45	SW	.01	2 1	Ci St St Cu	NW NW	Clear		CAS	22
23	70.0	29.400	.119	29.281	30.26	16.8	14.9	9	69	.060	18.1	12.3	SE	6			0	10	St Cu	SW	Cloudy		CAS	23
24	71.5	29.296	.122	29.174	30.13	22.6	21.1	18	80	.093	27.2	20.4	S	8			0	1 4	Ci St St Cu	SW SW	Pt Cloudy		CAS	24
25	68.5	29.222	.114	29.108	30.07	11.0	10.2	7	83	.054	29.0	11.0	SW	15			0	3	St Cu	W	Clear		CAS	25
26	66.0	29.317	.108	29.209	30.18	-3.0	-4.0	-12	62	.020	19.2	-3.0	SW	8			.22	2	St Cu	S	Clear		CAS	26
27	67.0	29.252	.111	29.141	30.11	16.0	15.2	13	86	.074	16.0	12.2	E	11			0	7	St Cu	W	Pt Cloudy		CAS	27
28	71.0	29.386	.122	29.264	30.22	25.0	23.6	21	82	.108	36.2	23.4	S	6			0	2	St Cu	S	Clear		CAS	28
29	72.5	28.899	.124	28.775	29.71	46.4	46.4	46	100	.310	47.1	38.0	S	7			.08	10	Nb	S	Lt Rain		CAS	29
30	68.0	29.206	.113	29.093	30.03	30.4	28.9	26	84	.136	45.4	30.0	W	2			0	8	Fog	SW	Clear		CAS	30
31	71.0	28.880	.120	28.760	29.70	33.7	31.0	27	75	.143	38.0	31.6	SE	15			0	10	St Cu	SE	Cloudy		CAS	31
Sums		(a)	(a)	902.103	931.83	675.0	636.8	541	2558	3.351	(a)	(a)	(a)	303	(a)	(a)	1.30	189	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.100	30.059	21.7	20.5	17.5	82.5	.108	(a)	(a)	(c) SW	9.8	(a)	(a)	(a)	6.1	(c) St. Cu.	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1917.

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of Observer	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor pressure ~~Initials of observer~~ Noon 90th Merid. Time	Date.	Data Noon 90th Merid. Time. Dry Thermometer.	Data Noon 90th Merid. Time. Relative Humidity.
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
CCS	1	68.0	29.130	.113	29.017	29.97	34.2	31.0	26	70	.136	41.9	34.2	SW	19	30	SW	T	0	0	0	Clear			.150	1	40	61
P. McD.	2	74.0	28.980	.128	28.852	29.80	42.8	37.3	30	60	.164	46.2	22.7	SE	8			0	5	Ci St	NW	Partly Cloudy			.138	2	41	57
P. McD.	3	71.5	29.100	.121	28.979	29.92	37.6	32.5	25	58	.130	40.0	34.3	S	5			T	6	Ci St	W	Partly Cloudy			.172	3	36	82
P. McD.	4	74.5	29.028	.129	28.899	29.85	41.2	39.1	37	83	.219	47.0	29.8	NE	6			0	10	St	NE	Cloudy			.219	4	46	72
P. McD.	5	70.5	29.133	.120	29.013	29.96	33.0	31.0	28	80	.150	37.2	33.0	W	20			.12	8	St Cu	NW	Cloudy			.195	5	36	91
P. McD.	6	72.5	29.162	.125	29.037	29.97	38.2	34.7	30	71	.164	43.8	25.2	S	18	25	S	0	4	Ci St	NW	Partly Cloudy			.157	6	39	68
CCS	7	71.5	29.428	.123	29.305	30.26	26.7	24.2	19	70	.088	31.0	25.0	SW	7	26	W	0	2	St Cu	W	Clear			.093	7	27	63
P. McD.	8	71.5	28.945	.121	28.824	29.76	39.0	36.4	33	79	.187	47.2	26.0	S	13			0	0	0	0	Clear			.108	8	42	48
P. McD.	9	70.5	28.732	.118	28.614	29.54	39.3	36.3	32	76	.180	43.4	34.5	S	8			.01	10	St	S	Cloudy			.195	9	42	71
P. McD.	10	74.0	29.000	.128	28.872	29.83	20.0	19.4	18	91	.083	33.0	20.0	N	10			.01	10	Nb	N	Light Snow			.113	10	25	87
P. McD.	11	75.5	29.370	.133	29.237	30.21	10.4	9.4	5	79	.049	17.6	4.8	SW	8			.01	0	0	0	Clear			.066	11	15	82
P. McD.	12	75.0	29.316	.132	29.184	30.15	18.6	17.8	16	88	.085	18.6	4.6	E	7			.05	10	St	E	Cloudy			.060	12	12	84
P. McD.	13	75.0	29.400	.133	29.267	30.25	7.4	6.4	2	76	.042	26.2	7.4	W	15			T	10	St	W	Cloudy			.060	13	17	67
CCS	14	73.0	29.863	.128	29.735	30.75	8.0	6.2	−3	58	.032	11.0	−4.0	SW	7			0	0	0	0	Clear			.029	14	7	52
P. McD.	15	75.0	29.920	.135	29.785	30.78	13.4	12.8	11	88	.066	14.5	8.8	N	8			0	10	St	N	Cloudy			.044	15	13	62
P. McD.	16	73.5	29.842	.130	29.712	30.71	17.2	16.0	12	80	.070	22.3	3.3	SW	8			0	0	0	0	Clear			.077	16	18	84
P. McD.	17	69.0	29.300	.116	29.184	30.15	20.6	19.5	17	84	.089	22.0	13.0	SW	18			.01	10	Nb	SW	Light Snow			.066	17	22	59
O'McL.	18	68.5	29.206	.114	29.092	30.05	20.2	19.0	16	82	.085	25.8	20.0	SW	12	30	W	0	0	0	0	Clear			.077	18	24	61
P. McD.	19	70.5	29.210	.120	29.090	30.06	22.0	19.2	12	61	.070	27.0	10.2	S	11			0	0	0	0	Clear			.098	19	22	86
P. McD.	20	72.5	29.313	.125	29.188	30.15	31.0	29.0	26	79	.136	34.7	20.8	NE	6			0	10	St	NE	Cloudy			.136	20	31	79
CCS	21	67.0	28.454	.108	28.346	29.28	40.0	40.0	40	100	.247	40.0	24.8	S	10			.28	0	Fog	SE	Fog		B-6:25P E-7:40P	.157	21	31	89
P. McD.	22	71.0	29.385	.122	29.263	30.23	17.0	15.8	12	80	.070	24.0	17.0	W	5			T	0	0	0	Clear			.085	22	23	73
P. McD.	23	75.0	29.300	.132	29.168	30.13	27.2	24.2	18	65	.093	31.0	16.2	S	12			0	0	0	0	Clear			.093	23	27	65
P. McD.	24	76.0	29.260	.134	29.126	30.09	29.0	28.0	26	89	.136	33.6	22.6	SW	9			0	2	St Cu	SW	Clear			.118	24	31	69
P. McD.	25	73.5	29.111	.127	28.984	29.95	19.2	18.6	17	91	.089	24.8	9.3	NW	5			.01	10	Nb	NW	Light Snow			.060	25	17	67
P. McD.	26	74.5	29.444	.131	29.313	30.36	13.0	11.8	8	77	.057	16.6	−4.3	E	5			0	10	St	E	Cloudy			.044	26	13	62
P. McD.	27	73.5	29.250	.128	29.122	30.08	36.2	34.1	31	81	.172	42.1	16.0	W	10			0	8	St	W	Cloudy			.164	27	37	74
CCS	28	74.0	29.177	.129	29.048	30.00	38.0	37.0	36	91	.211	38.0	25.0	SE	10			0	0	0	0	Clear			.157	28	34	81
P. McD.	29	70.0	28.992	.118	28.874	29.80	45.4	43.1	41	84	.256	47.4	45.4	SW	12			T	0	0	0	Clear	B-7:07A C-7:25A E-8:25A	B-7:25A E-8:25A	.310	29	47	96
P. McD.	30	73.0	29.200	.126	29.074	30.02	38.0	34.0	28	67	.150	45.0	28.7	E	6			0	0	0	0	Clear			.172	30	40	68
P. McD.	31	70.5	28.728	.118	28.610	29.54	32.2	31.2	30	90	.164	34.6	32.2	NE	4			T	10	St	NE	Cloudy			.150	31	34	77
Sums		(a)	(a)		701.814	931.56	856.0	795.0	679	7428	3890	(a)	(a)	(a)	297	(a)	(a)	.050	145	(a)	(a)	(a)	2	2	37.63 (a)	(a)	889	223
Means		(a)	(a)		29.091	30.050	27.6	25.6	21.9	78.3	.125	(a)	(a)	(c) SW	9.6	(a)	(a)	(a)	4.7	(c) St.	(c) W NW	(a)	(a)	(a)	.121 (a)	(a)	28.7	72

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1917

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (incl. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	42	27	15	10	34				R	DNA	7:20 AM										T				0	0	T	0	1
2	46	22	24	0	34				R	10:20 PM	10:45 PM										ϕ.01				0	0	0	0	2
3	45	33	12	5	39				R	DNA	7:05 AM										ϕT				0	0	0	0	3
4	47	30	17	1	38				R	8:55 PM	—										ϕ.15				0	0	0	0	4
5	38	31	7	4	34				R	—	6:25 AM	R	9:15 AM	9:45 AM	R+S	9:45 AM	11:15 AM				ϕ.65				0	T	0	T	5
6	44	25	19	0	34																0				0	0	0	0	6
7	39	24	15	2	32																0				0	0	0	0	7
8	47	24	23	4	36																0				0	0	0	0	8
9	43	34	9	2	38				S^m	5:15 AM	7:45 AM	R	7:45 AM	8:15 AM							.01				0	T	0	T	9
10	42	10	32	12	26				R	DNA	5:20 AM	S^m	7:10 AM	9:25 AM	S^m	4:35 PM	4:30 PM				.03				0	0.2	0.2	.03	10
11	18	4	14	15	11				S^d	12:25 PM	3:15 PM										.01				0	0.3	0.1	.01	11
12	23	2	21	1	12				S^d	9:10 AM	5:15 PM	S^d	7:45 PM	—							ϕ.11				0	0.7	0.7	.11	12
13	29	3	26	4	16				S^d	—	DNA	S^d	7:10 AM	12:20 PM	S^d	11:00 PM	11:15 PM				ϕ.02				0	1.1	1.0	.02	13
14	11	-4	15	12	4																0				0	T	0.7	0	14
15	14	6	8	6	10																0				0	0	0.4	0	15
16	22	3	19	2	12																0				0	0	0.3	0	16
17	23	8	15	4	16				S^d	12:25 PM	7:20 PM										.01				0	0.1	0.3	.01	17
18	26	12	14	3	19																0				0	T	0.2	0	18
19	27	10	17	1	18																0				0	0	0.1	0	19
20	35	19	16	9	27																0				0	0	T	0	20
21	48	24	24	9	36				S^d	DNA	7:45 AM	R+S	7:45 AM	8:10 AM	R	8:10 AM	6:20 PM	R	7:45 PM	8:00 PM	.49				0.2	2.8	1.6	.24	21
22	31	15	16	13	23				S^d	8:30 AM	8:10 PM										T				0	T	1.5	T	22
23	31	12	19	1	22																0				0	0	1.0	0	23
24	34	20	14	5	27																0				0	0	0.6	0	24
25	25	9	16	10	17				S^d	5:15 PM	—										ϕ.19				0	0.2	0.7	.19	25
26	17	-4	21	11	6				S^d	—	1:20 AM										.04				0	2.9	3.4	.04	26
27	42	12	30	21	27																0				0	0	0.6	0	27
28	45	23	22	7	34																0				0	0	T	0	28
29	47	34	13	6	40				R	DNA	7:05 AM										.08				0	0	T	0	29
30	45	29	16	3	37																0				0	0	0	0	30
31	37	30	7	3	34				R	12:10 PM	12:45 PM										T				0	0	0	0	31
S	1063	527	536	186	793		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.80		Total excess or deficiency since January 1,		.02	8.3	(a)	(a)	(a)
M	34.3	17.0	17.3	6.0	25.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

Monday 1

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

ϕ Estimated

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SUMMARY FOR THE MONTH OF January, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.100	29.091	29.096	29.850	15	28.330	21	1.520	30.059	30.050	30.054	30.85	15	29.24	21	1.61
Corrected mean		29.091						Corrected mean		30.049	3,500-ft	—		10,000-ft	—

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
21.7	27.6	24.6	20.5	25.6	23.0	34.3	17.0	25.6	-	-	-	48	21	-4	26	52	37	10	7	5

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
17.5	21.9	19.7	82.5	78.3	80.4	.108	.125	.116	13	0	28	2

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8167	11.0	SW	45	SW	21	3	5	4	4	13	22	7	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1	4.7	6.0	47	7	11	13	1	5	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	21	0	6	29.30	21.29	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.80	0.80	4-5		None			None		4	13	7	2	0	17	11	8	8.3	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

Φ Tipping bucket rumgage not exposed because of freezing weather

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None													

* The duration is the time precipitation was actually recorded.

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Prepared by C. J. Lotisch, C. M. Donough L.H., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1917

Number of Station barometer, 6 56; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
9	1:00 PM	12 Noon	69.0	28.756	-.114	28.642	29.56	42.4	38.6	34	8	71	42.4	SW	24	24	SW	.01	4 1	Ci St St Cu	W W	Partly	Called for by C.O.	[illegible]	9
10	1:00 PM	12 Noon	72.0	28.842	-.122	28.720	29.66	25.0	24.0	22	3	87	33.0	NW	12	22	NW	T	9	St Cu	NW	Cloudy	Ordered by C.O.	[illegible]	10
12	1:00 PM	12 Noon	73.0	29.470	-.127	29.343	30.32	12.0	11.2	9	3	84	12.0	SE	6			.02	10	Nb	SE	Snow	Ordered by C.O.	[illegible]	12
29	1:00 PM	12 Noon	72.0	28.891	-.123	28.768	29.69	47.1	46.6	46	1	96	47.1	SW	13			T	10 4T	St Fo Cu	SW W	Cloudy	Ordered by C.O.	[illegible]	29
31	1:00 PM	12 Noon	70.5	28.760	-.118	28.642	29.57	33.8	31.3	28	6	77	34.6	NE	20	20	NE	0	10	St Cu	E	Cloudy	Ordered by C.O.	[illegible]	31
15	10:00 AM	9:00 AM		Highest		29.850	30.85	11.0																	15
21	8:30 PM	7:30 PM		Lowest.		28.330	29.24	48.0																	21

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of February, *191* 7.

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 AM, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room s 911-12; first observation taken in present office, 7:00 Am. May 20, 191.

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1917

Number of Station barometer, 6 56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.0	29.072	.104	28.968	29.93	21.0	20.0	18	86	.093	36.7	21.0	NW	20	26	W	T	9	St Cu	NW	Cloudy		O. McD.	1
2	60.0	29.350	.092	29.258	30.25	4.8	-5.4	-10	75	.022	11.0	-4.8	SW	18			0	10	St	W	Cloudy		O. McD.	2
3	58.0	29.432	.087	29.345	30.35	-3.0	-3.6	-8	77	.025	-3.0	-4.2	SW	20	31	SW	0	1	St	SW	Clear		O. McD.	3
4	63.5	28.624	.099	28.525	29.46	18.2	18.0	17	97	.089	23.0	16.6	SW	18	27	SW	.02	10	Nb	SW	St. Snow		O. McD.	4
5	60.0	29.134	.092	29.042	30.04	-6.0	-6.6	-12	74	.020	-4.0	-8.4	SW	18	30	SW	.01	3	St	SW	Clear		O. McD.	5
6	65.5	29.375	.107	29.268	30.26	4.2	3.6	0	84	.038	8.0	3.6	SW	14			T	1 1	St Cu St	SW SW	Clear		O. McD.	6
7	66.5	29.120	.108	29.012	29.97	29.2	28.7	28	94	.150	30.6	24.3	SW	15			.04	10	Nb	SW	St. Snow		O. McD.	7
8	68.0	28.950	.112	28.838	29.78	28.6	27.1	25	83	.130	33.0	27.0	SW	9	26	SW	T	10	Nb	SW	St. Snow		O. McD.	8
9	70.5	29.060	.119	28.941	29.91	6.0	5.4	3	85	.044	15.7	2.0	SW	5			T	3	St Cu	SW	Clear		O. McD.	9
10	68.5	29.280	.115	29.165	30.16	-0.8	-1.8	-9	66	.023	4.0	-1.9	SW	10			0	0	0	0	Clear		O. McD.	10
11	65.5	29.501	.107	29.394	30.38	-2.4	-3.8	-15	49	.017	9.8	-2.5	SW	8			0	0	0	0	Clear		O. McD.	11
12	68.0	29.880	.116	29.764	30.77	-7.8	-8.6	-16	62	.016	2.2	-8.8	SE	2			0	0	0	0	Clear		O. McD.	12
13	67.0	29.522	.111	29.411	30.39	12.2	11.8	10	92	.063	12.2	1.8	S	7			T	10	Nb	S	St. Snow		O. McD.	13
14	68.5	29.390	.115	29.275	30.25	13.2	13.0	12	96	.070	29.0	12.3	N	5			0	Dense	Fog	N	Foggy		O. McD.	14
15	68.5	29.060	.114	28.946	29.91	19.6	18.4	16	82	.085	29.5	18.5	NE	5			0	10	St	E	Cloudy		O. McD.	15
16	64.0	28.770	.101	28.669	29.62	26.7	26.2	26	94	.136	27.8	24.3	SW	16	25	SW	T	10	Nb	SW	St. Snow		O. McD.	16
17	68.0	28.760	.112	28.648	29.58	38.0	34.6	30	72	.164	38.0	30.2	S	18			0	3	St Cu	SW	Clear		O. McD.	17
18	70.0	29.340	.119	29.221	30.17	22.2	20.2	15	72	.081	33.5	22.2	NE	7			0	2	St	NE	Clear		O. McD.	18
19	71.0	29.242	.121	29.121	30.08	22.1	21.0	19	85	.098	25.6	22.1	E	14			T	10	St	E	Cloudy		O. McD.	19
20	66.0	29.250	.108	29.142	30.09	23.7	22.2	19	81	.098	41.8	23.7	W	12			0	10	St	W	Cloudy		O. McD.	20
21	71.0	29.344	.121	29.223	30.18	20.4	19.4	17	85	.089	26.1	20.4	NE	9			0	2 3	St Cu. St	NE NW	Clear		O. McD.	21
22	67.5	29.532	.113	29.419	30.38	18.2	16.8	13	78	.074	44.1	18.1	N	5	35	W	0	1	St	N	Pt Cloudy		O. McD.	22
23	70.0	28.900	.118	28.782	29.71	41.6	40.6	40	92	.247	46.0	37.0	S	12			.32	10	St	SW	Cloudy		O. McD.	23
24	67.5	29.260	.112	29.148	30.10	24.0	22.7	20	83	.103	32.7	24.0	W	9			0	3	St Cu	NW	Clear		O. McD.	24
25	69.0	29.450	.117	29.333	30.29	23.4	22.3	20	86	.103	24.0	21.0	E	6			0	8	St Cu	W	Cloudy		O. McD.	25
26	66.5	28.762	.108	28.654	29.57	51.0	48.2	45	82	.298	54.0	44.6	S	12			0	8	St Cu	SW	Cloudy		O. McD.	26
27	66.5	29.300	.109	29.191	30.14	25.8	23.8	20	75	.103	37.0	24.9	NW	6			0	6	St Cu	NW	Pt Cloudy		O. McD.	27
28	66.0	29.532	.109	29.423	30.39	20.2	18.1	13	69	.074	28.9	20.2	N	9			0	2 2	Cu. St St	NW N	Pt Cloudy		O. McD.	28
29																								29
30																								30
31																								31
Sums		(a)	(a)	815.126	842.11	484.7	452.0	356	2256	2.553	(a)	(a)	(a)	309	(a)	(a)	0.39	158	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.112	30.075	17.3	16.2	12.7	80.6	.091	(a)	(a)	(c) SW	11.0	(a)	(a)	(a)	5.6	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1917

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of Observer	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor Pressure Noon ~~Initials of observer~~ 90° Mer. Time.	Date.	Noon Data 90° Merid. Time. Dry Thermometer.	Noon Data 90° Merid. Time. Relative Humidity
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
C.O.S.	1	68.0	29.315	.113	29.202	30.17	11.0	9.2	2	63	.042	22.0	10.0	W	18	25	W	T	2	St Cu	W	Clear			.074	1	20	70
C.O.S.	2	66.0	29.407	.109	29.298	30.30	-3.0	-4.2	-14	55	.018	-0.8	-7.4	SW	20	33	SW	T	10	St	SW	Cloudy			.023	2	-1	66
C.O.S.	3	68.0	29.096	.112	28.984	29.95	18.0	15.0	5	53	.049	18.0	-3.0	SW	15	28	SW	0	4	St Cu	NW	Pt Cloudy			.049	3	10	79
P. McD.	4	62.0	28.990	.097	28.893	29.87	-4.0	-4.8	-11	69	.021	18.2	-4.0	SW	24	40	W	.06	10	St	W	Cloudy			.042	4	4	87
C.O.S.	5	66.0	29.299	.108	29.191	30.19	6.0	4.8	-1	70	.036	6.4	-6.0	SW	19	27	SW	0	4	St	SW	Pt Cloudy			.018	5	2	41
C.O.S.	6	72.0	29.322	.124	29.198	30.17	24.3	23.6	22	91	.113	28.0	3.2	S	12			.01	10	Nb	S	Lt Snow			.077	6	24	61
C.O.S.	7	70.0	29.100	.118	28.982	29.93	31.8	29.8	27	79	.143	31.8	27.0	SW	23	32	SW	T	10	St	SW	Cloudy			.130	7	30	78
C.O.S.	8	73.0	29.024	.125	28.899	29.86	15.7	14.0	9	71	.060	31.1	15.7	NW	12			.06	9	St Cu	E	Cloudy			.124	8	27	88
C.O.S.	9	70.0	29.212	.118	29.094	30.07	4.0	2.8	-4	67	.031	11.1	1.8	SW	14	25	W	T	0	0	0	Clear			.040	9	7	26
C.O.S.	10	70.0	29.326	.119	29.207	30.20	9.8	8.0	0	61	.038	14.2	-0.8	SW	8	25	SW	0	0	0	0	Clear			.032	10	9	55
P. McD.	11	73.0	29.760	.128	29.632	30.64	2.2	1.0	-6	65	.028	9.4	-3.0	W	10			0	0	0	0	Clear			.044	11	8	77
C.O.S.	12	76.0	29.778	.136	29.642	30.65	6.0	4.8	-1	70	.036	9.0	-7.8	SE	6			0	0	0	0	Clear			.038	12	6	75
C.O.S.	13	72.0	29.314	.124	29.190	30.15	29.0	26.0	20	67	.103	29.3	12.2	SW	5			T	10	St	SW	Cloudy			.085	13	23	73
C.O.S.	14	71.0	29.233	.121	29.112	30.07	27.5	25.0	20	70	.103	31.9	11.4	SW	6			0	0	0	0	Clear		B-6:35P E-8:50P	.103	14	26	75
C.O.S.	15	68.5	28.917	.114	28.803	29.75	26.2	24.6	22	81	.113	26.9	19.6	SW	7			T	10	St	SW	Cloudy			.077	15	21	77
C.O.S.	16	68.5	28.906	.114	28.792	29.73	30.4	28.0	24	74	.124	32.0	26.7	SW	5			T	7	St Cu	S	Pt Cloudy			.103	16	29	67
C.O.S.	17	72.5	29.023	.124	28.899	29.85	33.5	30.0	24	66	.124	50.0	33.5	NW	10	29	SW	C	3	St Cu	NW	Clear			.277	17	49	80
P. McD.	18	74.0	29.380	.130	29.250	30.21	25.6	24.[illegible]	22	82	.113	26.4	20.6	NE	9			T	10	Nb	NE	Lt Snow			.089	18	25	69
C.O.S.	19	72.0	29.036	.123	28.913	29.86	41.8	37.8	33	70	.187	46.6	22.1	SW	24	34	SW	T	10	St Cu	W	Cloudy	B-3:30P E-5:00P		.136	19	31	79
C.O.S.	20	73.0	29.356	.126	29.230	30.19	26.1	23.7	18	70	.093	30.4	22.0	NW	7			T	10	St	NW	Cloudy			.081	20	25	63
C.O.S.	21	67.5	29.136	.112	29.024	29.97	44.1	38.1	30	57	.164	45.0	20.4	W	26	33	W	0	3	St Cu	W	Clear			.164	21	37	74
P. McD.	22	76.0	29.264	.134	29.130	30.08	37.4	33.4	27	66	.143	39.0	18.2	E	12			0	0	0	0	Clear			.077	22	30	47
C.O.S.	23	71.0	29.072	.120	28.952	29.90	32.7	31.9	31	92	.172	48.1	32.7	NW	11			0	0	0	0	Clear			.247	23	48	93
C.O.S.	24	70.0	29.495	.119	29.376	30.35	24.6	22.5	19	81	.098	29.2	21.8	NW	6			0	0	0	0	Clear			.093	24	27	65
P. McD.	25	66.5	28.930	.108	28.822	29.76	44.6	40.1	35	68	.203	45.0	23.4	SE	10			0	5	Ci St	W	Pt Cloudy			.150	25	38	67
C.O.S.	26	69.0	28.956	.115	28.841	29.76	37.0	35.0	32	83	.180	58.0	37.0	W	12			0	0	0	0	Clear			.347	26	56	77
C.O.S.	27	70.0	29.492	.119	29.373	30.34	28.9	25.3	18	60	.093	30.3	25.8	W	7			0	10	St	W	Cloudy			.124	27	29	78
C.O.S.	28	70.0	29.618	.119	29.499	30.47	30.5	28.0	24	74	.124	36.1	20.2	NW	5			0	2	St Cu	NW	Clear			.103	28	31	83
	29																									29		
	30																									30		
	31																									31		
Sums		(a)	(a)		815.428	842.44	641.1	577.5	427	1975	2752	(a)	(a)	(a)	343	(a)	(a)	0.13	134	(a)	(a)	(a)	1	1	29.947	(a)	671	1971
Means		(a)	(a)		29.122	30.087	22.9	20.6	15.2	70.5	.098	(a)	(a)	(c) SW	12.2	(a)	(a)	(a)	5.0	(c) St. Cu. St.	(c) W	(a)	(a)	(a)	(a)	(a)	(a)	24.0	70.4

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1917

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	30	5	25	16	18				Sd	DNA	DNA	Sd	6:20 AM	6:25 AM	Sd	12:50 PM	6:30 PM				T				0	0.1	0.1	T	1
2	5	-7	12	19	-1				Sd	6:00 PM	6:25 PM										T				0	T	T	T	2
3	20	-4	24	9	8																0				0	0	T	0	3
4	23	-8	31	0	8				Sd	4:30 AM	1:50 PM	Sd	8:15 PM	DND							.09				0	1.4	1.4	.09	4
5	8	-8	16	8	0																0				0	0.1	1.4	0	5
6	28	3	25	16	16				Sd	DNA	DNA	Sd	5:15 PM	8:40 PM							ø.02				0	0.1	1.2	.02	6
7	33	27	6	14	30				Sd	DNA	7:45 AM										ø.03				0	0.5	0.9	.03	7
8	31	7	24	11	19				Sm	6:30 AM	8:40 AM	Sm	9:30 AM	6:40 PM							.06				0	0.6	1.2	.06	8
9	11	0	11	13	6				Sd	DNA	DNA	Sd	8:40 AM	11:00 AM							T				0	T	0.9	T	9
10	14	-2	16	0	6																0				0	0	0.8	0	10
11	9	-4	13	4	2																0				0	0	0.7	0	11
12	9	-9	18	2	0																0				0	0	0.6	0	12
13	29	2	27	16	16				Sd	6:00 AM	7:05 AM										T				0	T	0.4	T	13
14	32	11	21	6	22																0				0	0	0.3	0	14
15	27	18	9	0	22				Sd	10:10 AM	10:30 AM	Sd	9:10 PM	DNP							T				0	T	0.2	T	15
16	33	24	9	6	28				Sd	6:05 AM	8:20 AM	Sd	9:50 AM	12:15 PM							T				0	T	0.1	T	16
17	50	25	25	10	38																0				0	0	0	0	17
18	26	21	5	14	24				Sd	6:40 PM	7:10 PM										T				0	T	0	T	18
19	46	22	24	10	34				R	9:20 AM	11:15 AM	R	2:10 PM	3:25 PM							T				0	T	0	0	19
20	33	22	11	6	28				Sd	10:10 AM	10:25 AM										T				0	T	0	T	20
21	45	20	25	4	32																0				0	0	0	0	21
22	44	18	26	1	31																0				0	0	0	0	22
23	48	29	19	7	38				R	2:50 AM	4:00 AM										.32				0	0	0	0	23
24	29	21	8	13	25																0				0	0	0	0	24
25	54	21	33	13	38																0				0	0	0	0	25
26	58	26	32	4	42																0				0	0	0	0	26
27	30	24	6	15	27																0				0	0	0	0	27
28	36	20	16	1	28																0				0	0	0	0	28
29																													29
30																													30
31																													31
S	841	324	517	238	585		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.57		Total excess or deficiency since January 1,		0	2.8	(a)	(a)	(a)
M	30.0	11.6	18.5	8.5	20.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) ø Estimated.

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SUMMARY FOR THE MONTH OF February, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .005)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.112	29.122	29.117	29.780	12	28.525	4	1.255	30.075	30.087	30.081	30.80	12	29.46	4	1.34
Corrected mean		29.112						Corrected mean		30.076	3,500-ft	—		10,000-ft	—

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
17.3	22.9	20.1	16.2	20.6	18.4	30.0	11.6	20.8	–	–	–	58	26	–9	12	67	33	25	5	18

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
12.7	15.2	14.0	80.6	70.5	75.6	.091	.098	.094	17	0	28	8

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8394	12.5	SW	40	W	4	3	4	3	3	5	23	7	8	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	5.0	6.5	49	5	11	12	0	2	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	23"	4"	0	2.27	19	14	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.52	0.32	23		None			None		9	5	3	1	0	14	12	4	28	0.0

(w) Maximum precipitation in 5 minutes ⊗ —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

⊗ Tipping bucket gage not exposed during the month on account of freezing weather.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

* The duration is the time precipitation was actually recorded.

8—154

Prepared by C. O. Sahlin, C. M. E. Donough, L. F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
26	1:00 P	12 NOON	71.0	28.750	-.119	28.631	29.54	56.0	52.0	49	7	77	58.0	W	8			0	10	Sh Cu	SW	Cloudy	Called for by C.O.	CLES	26
12	10:00 AM	9:00 AM				29.780	30.80	-5																	12

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of ~~Fort Wayne, Ind.~~ March, *191* 7

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.012; date and observation upon which use of station barometer commenced, May 1, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room 911 912; first observation taken in present office, 7:00 a.m. May 1, 191

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	67.0	29.642	.112	29.530	30.50	24.0	22.0	18	74	.093	30.5	21.8	NW	4			0	4 6	Ci St Ci St	SW SE	Pt Cloudy		WMH	1
2	67.0	29.660	.112	29.548	30.52	19.6	18.0	14	76	.077	26.9	18.8	NE	5			0	2	St Cu	SE	Cloudy		CAS	2
3	67.0	29.464	.111	29.353	30.32	23.0	21.5	18	80	.093	29.0	21.9	N	7			0	10	St Cu	N	Cloudy		CAS	3
4	67.5	29.499	.113	29.386	30.36	22.0	19.5	13	65	.074	31.0	19.6	N	15			T	10	Nb	N	St. Snow		CAS	4
5	68.0	29.263	.113	29.150	30.12	12.4	11.9	10	90	.063	19.2	11.9	NW	10			.06	10	Nb	NW	St. Snow		CAS	5
6	69.0	29.403	.117	29.286	30.26	20.2	18.6	15	76	.081	22.0	15.0	S	12			0	6	St Cu	W	Pt Cloudy		CAS	6
7	68.0	29.230	.113	29.117	30.07	36.6	34.8	32	84	.180	37.2	34.0	SE	7			.04	10	Nb	SE	St. Rain		CAS	7
8	61.0	29.025	.094	28.931	29.88	33.2	31.0	28	79	.150	41.8	32.4	SW	26	42	SW	0	10	St Cu	W	Cloudy		CAS	8
9	63.5	29.373	.102	29.271	30.22	32.0	29.0	24	69	.124	33.8	30.4	NW	1			T	10	St Cu	W	Cloudy		CAS	9
10	63.5	29.305	.102	29.203	30.14	38.0	33.1	26	60	.136	38.0	30.1	SE	7			0	4	Ci St	SE	Pt Cloudy		CAS	10
11	65.5	28.975	.106	28.869	29.80	48.0	48.0	48	100	.334	55.8	48.0	S	12	28	S	.66	8	St Cu	W	Cloudy		CAS	11
12	66.0	29.435	.109	29.326	30.28	32.2	30.2	27	79	.143	41.0	31.1	N	9			T	10	St	N	Cloudy		CAS	12
13	66.0	29.403	.109	29.294	30.25	28.9	27.4	25	83	.130	34.0	27.8	NE	12	30	E	.04	10	Nb	NE	St. Rain		CAS	13
14	60.5	29.075	.093	28.982	29.93	33.4	31.0	28	77	.150	38.6	29.7	SW	25	35	SW	.23	10	St Cu	W	Cloudy		CAS	14
15	60.0	29.422	.094	29.328	30.29	28.0	26.5	24	82	.124	35.4	28.0	W	11	27	SW	0	10	St	W	Cloudy		WMH	15
16	63.5	29.431	.102	29.329	30.29	29.8	26.3	20	62	.103	32.0	28.0	E	2			0	8	St Cu	SW	Cloudy		CAS	16
17	57.5	28.780	.084	28.696	29.63	33.6	31.8	29	83	.157	51.9	33.3	SW	36	48	SW	.01	10	Nb	SW	St. Snow		CAS	17
18	54.0	29.077	.076	29.001	29.95	24.7	22.2	17	69	.089	32.1	24.0	SW	17	28	SW	.01	7	St Cu	W	Pt Cloudy		CAS	18
19	62.0	29.468	.098	29.370	30.34	22.7	21.5	19	84	.098	26.0	19.9	S	8			0	3	St Cu	S	Clear		CAS	19
20	61.0	29.080	.094	28.986	29.93	37.0	34.6	31	80	.172	43.0	35.3	SW	14	29	S	0	0	0	0	Clear		CAS	20
21	65.0	29.072	.104	28.968	29.91	41.0	39.0	37	84	[illegible]	50.0	39.8	SW	5			0	FEW	St Cu	NE	Clear		CAS	21
22	67.0	29.338	.111	29.227	[illegible]	40.0	38.0	35	84	.203	51.4	36.2	SW	[illegible]			0	0	0	0	Clear		[illegible]	22
23	68.0	28.854	.112	28.742	[illegible]	53.8	53.3	53	97	[illegible]	56.9	50.3	S	[illegible]	26	S	.24	10	Nb	S	St Rain		[illegible]	23
24	65.5	29.185	.106	29.079	30.03	33.0	32.0	31	90	.172	40.4	32.0	SW	8	28	W	0	0	0	0	Clear		[illegible]	24
25	63.0	29.123	.099	29.024	29.96	44.0	41.0	38	78	.228	49.8	[illegible]	S	[illegible]			0	0	0	0	Clear		[illegible]	25
26	64.0	29.081	.102	28.979	[illegible]	49.0	42.0	34	[illegible]	.195	58.0	[illegible]	S	12			0	0	0	0	Clear		[illegible]	26
27	63.5	28.928	.101	28.827	[illegible]	33.8	33.0	32	92	.189	52.2	32.0	W	[illegible]	26	W	.32	10	St Cu	W	Cloudy		[illegible]	27
28	61.0	29.223	.094	29.129	30.08	31.0	28.9	26	78	.136	34.1	28.4	SW	14			0	0	0	0	Clear		[illegible]	28
29	59.0	28.999	.089	[illegible]	29.84	38.1	[illegible]	31	75	[illegible]	53.8	[illegible]	SW	24	40	W	T	2	St Cu	NW	Clear		[illegible]	29
30	65.0	29.291	.105	29.186	30.13	35.0	31.0	25	64	.130	40.0	30.2	SW	3			0	0	0	0	Clear		[illegible]	30
31	64.5	28.954	.103	28.851	[illegible]	57.0	48.0	39	51	[illegible]	59.0	50.0	S	[illegible]			0	FEW	Ci	[illegible]	Clear		[illegible]	31
Sums		(a)	(a)	902.878	932.26	1035.0	960.2	847	2400	4.845	(a)	(a)	(a)	374	(a)	(a)	1.61	180	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.125	30.073	33.4	31.0	27.3	77.4	.156	(a)	(a)	(c) SW	12.1	(a)	(a)	(a)	5.8	(c) St Cu	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Observers Initials.	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor Pressure ~~Initials of observer~~ Noon 90" Mer Time	Date.	Data Noon Mer. Dry Thermometer	Data Noon Mer. Relative Humidity
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
P. McD.	1	70.5	29.650	.122	29.528	30.50	26.9	25.3	22	81	.113	30.8	24.0	W	8			0	10	St	W	Cloudy			.093	1	27	65
P. McD.	2	71.0	29.510	.122	29.388	30.36	29.0	25.0	17	56	.089	30.2	19.6	NE	8			0	10	St	NE	Cloudy			.108	2	27	76
P. McD.	3	71.0	29.525	.122	29.403	30.37	31.0	29.2	26	81	.136	38.0	23.0	NW	8			0	8	Cu St	W	Cloudy			.124	3	34	62
E.O.S.	4	69.0	29.334	.116	29.218	30.18	19.2	19.7	14	77	.077	25.1	18.8	N	14			T	10	Nb	N	Sl. Snow			.066	4	22	59
P. McD.	5	74.0	29.340	.129	29.211	30.18	22.0	21.0	19	86	.098	23.0	12.4	W	4			T	0	0	0	Clear			.066	5	19	69
P. McD.	6	72.5	29.350	.125	29.225	30.17	36.4	32.7	27	68	.143	41.7	20.2	SE	14			0	1	Cu St	NW SE	Clear			.143	6	37	66
P. McD.	7	70.5	29.024	.119	28.905	29.84	41.8	39.3	36	81	.211	44.6	35.8	SW	18	32	SW	.28	10	St	SW	Cloudy			.203	7	40	84
P. McD.	8	65.0	29.204	.105	29.099	30.05	33.8	33.3	33	95	.187	34.0	32.0	SW	18	31	SW	T	10	Nb	SW	Sl. Snow			.130	8	33	71
P. McD.	9	67.0	29.366	.111	29.255	30.21	35.2	32.4	29	75	.157	40.0	32.0	E	5			0	0	0	0	Clear			.150	9	35	73
P. McD.	10	67.0	29.030	.110	28.920	29.85	55.8	48.3	41	58	.256	62.0	38.0	S	14	26	S	.16	7	St Cu	SW	Cloudy			.322	10	56	71
P. McD.	11	66.0	29.100	.107	28.993	29.93	41.0	39.9	39	91	.237	64.0	41.0	W	22	28	S	.30	10	St	W	Cloudy			.373	11	58	77
P. McD.	12	70.0	29.511	.119	29.392	30.35	34.0	31.6	28	78	.150	37.0	30.1	NE	14			0	8	St	NE	Cloudy			.143	12	32	79
P. McD.	13	66.0	29.136	.108	29.028	29.98	30.8	30.8	31	100	.172	32.0	27.3	NE	16	25	NE	.10	10	Nb	E	Sl. Rain			.130	13	30	78
P. McD.	14	63.5	29.282	.102	29.180	30.12	35.4	32.4	28	73	.150	36.6	33.1	SW	28	34	SW	0	10	St Cu	W	Cloudy			.124	14	34	62
P. McD.	15	67.5	29.500	.113	29.387	30.35	32.0	29.3	25	72	.130	37.4	28.0	N	6			0	0	0	0	Clear			.143	15	34	72
P. McD.	16	66.5	28.910	.108	28.802	29.74	41.8	38.8	35	77	.203	41.8	29.8	SE	9			.18	10	St	SE	Cloudy			.103	16	34	53
P. McD.	17	62.0	29.090	.097	28.993	29.94	32.1	30.9	29	88	.157	33.6	28.6	SW	22	40	SW	T	10	St	W	Cloudy			.130	17	30	78
E.O.S.	18	61.0	29.436	.095	29.341	30.30	26.0	24.0	20	75	.103	29.0	23.4	NW	10	34	W	.01	0	0	0	Clear			.093	18	27	65
P. McD.	19	67.5	29.133	.112	29.021	29.97	39.0	34.0	27	60	.143	43.0	22.7	S	20	25	SE	0	1	St	S	Clear			.164	19	37	74
[illegible]	20	66.0	29.114	.107	[illegible]	29.95	50.0	[illegible]	32	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	10	St	[illegible]	[illegible]			.256	20	[illegible]	
P. McD.	21	69.0	[illegible]	.116	[illegible]	30.02	51.4	[illegible]	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	0	0	0	Clear			[illegible]	21	[illegible]	
P. McD.	22	71.5	29.140	.122	29.018	29.95	56.9	46.8	35	45	.203	63.0	40.0	SE	11			0	2	St	SE	Clear			.28	22	[illegible]	
P. McD.	23	67.0	28.990	.115	28.790	29.71	40.4	[illegible]	37	88	[illegible]	63.8	40.4	W	22	[illegible]	[illegible]	.32	10	St	[illegible]	Cloudy			[illegible]	23	[illegible]	
P. McD.	24	68.0	29.170	.113	29.057	30.00	49.8	45.3	41	71	.256	56.4	33.0	S	7			0	0	0	0	Clear			.172	24	[illegible]	
[illegible]	25	66.0	[illegible]	[illegible]	28.979	[illegible]	58.[illegible]	[illegible]	34	[illegible]	[illegible]	65.6	[illegible]	S	[illegible]	35	S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			.373	25	63	[illegible]
[illegible]	26	68.5	28.890	.114	[illegible]	[illegible]	52.2	[illegible]	48	86	[illegible]	[illegible]	[illegible]	NW	[illegible]	35	[illegible]	T	10	St	[illegible]	[illegible]			.322	26	[illegible]	
[illegible]	27	67.0	29.180	.110	[illegible]	[illegible]	33.2	32.2	31	[illegible]	[illegible]	[illegible]	[illegible]	W	14	31	W	T	6	St Cu	[illegible]	[illegible]			.150	27	48	
[illegible]	28	65.0	28.890	[illegible]	[illegible]	[illegible]	53.8	44.1	35	48	[illegible]	56.7	[illegible]	SW	18	34	SW	0	4 6	St Cu St	SW [illegible]	[illegible]			[illegible]	28		
[illegible]	29	67.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	W	[illegible]	[illegible]	[illegible]	—	Few	St	[illegible]	[illegible]			[illegible]	29		
[illegible]	30	67.0	[illegible]	[illegible]	28.990	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]		SE	[illegible]			0	4	St Cu	[illegible]	[illegible]			[illegible]	30		
	31	70.5	28.906	.114	28.787	29.70	68.0	62.2	58	75	.482	70.0	57.0	S	21	28	[illegible]	.40	10	St	W	Cloudy			[illegible]	31	[illegible]	
Sums		(a)	(a)	(a)	901.752	931.04	1250.8	1125.9	967	2213	5666	(a)	(a)	(a)	399	(a)	(a)	1.75	188	(a)	(a)	(a)			(a)	(a)	1792	2048
Means		(a)	(a)	(a)	29.088	30.034	40.3	36.3	31.3	71.4	.183	(a)	(a)	(c) SW W	12.9	(a)	(a)	(a)	6.1	(c) St	(c) W	(a)			(a)	(a)	41.7	66.1

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1917

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	31	22	9	2	26																0				0	0	0	0	1
2	30	19	11	2	24																0				0	0	0	0	2
3	38	22	16	6	30																0				0	0	0	0	3
4	25	14	11	10	20				Sd	6:25 am	8:40 am	Sd	1:00 pm	1:45 pm	Sd	5:15 pm	—				.02				0	T	T	.02	4
5	23	12	11	2	18				Sd	—	7:20 AM										.04				0	0.6	0.6	.04	5
6	42	15	27	10	28																0				0	0	0.1	0	6
7	45	35	10	12	40				R	5:20 AM	9:15 AM	R	1:25 pm	2:30 pm	R	4:55 pm	5:20 pm				.32				0	0	0	0	7
8	36	30	6	7	33				Sd	7:50 AM	9:20 AM	Sd	11:50 AM	8:05 PM							T				0	T	T	T	8
9	40	30	10	2	35																0				0	T	0	0	9
10	62	30	32	11	46				R	12:20 pm	1:15 pm	R	5:18 pm	5:30 pm							.16				0	0	0	0	10
11	64	31	33	2	48				R	DNA	6:10 AM	R	7:45 am	9:45 AM	R	1:30 pm	2:15 pm				.96				0	0	0	0	11
12	37	30	7	14	34				R	DNA	DNA										T				0	0	0	0	12
13	35	27	8	3	31				R	DNA	8:30 AM	R	6:10 pm	7:28 pm	R	8:25 pm	9:15 pm				.37				0	0	0	0	13
14	39	29	10	3	34																0				0	0	0	0	14
15	37	28	9	2	32																0				0	0	0	0	15
16	52	28	24	8	40				R	12:05 pm	3:48 pm	R	10:45 pm	DNP							.19				0	0	0	0	16
17	47	29	18	2	38				Sd	6:15 AM	3:45 pm	Sd	8:10 pm	—							.01				0	T	T	.01	17
18	30	23	7	12	26				Sd	—	6:20 am	Sd	6:55 am	4:15 pm							.01				0	0.2	0.1	.01	18
19	43	20	23	6	32																0				0	0	0	0	19
20	56	35	21	14	46																0				0	[illegible]	[illegible]	[illegible]	20
21	54	40	14	1	47																0				0	[illegible]	[illegible]	[illegible]	21
22	63	36	27	3	50																0				0	[illegible]	[illegible]	[illegible]	22
23	64	37	27	0	50				R	6:20 AM	8:50 AM	R	1:42 pm	4:15 pm							.56				0	0	0	0	23
24	55	32	23	6	[illegible]																0				0	[illegible]	[illegible]	[illegible]	24
25	66	41	25	[illegible]	[illegible]																0				0	[illegible]	[illegible]	[illegible]	25
26	71	37	34	[illegible]	[illegible]				R R	5:50p 9:15 pm	6:15p 9:10 pm	R	10:10 pm	DNP							.30				0	0	0	[illegible]	26
27	40	31	9	[illegible]	[illegible]				Sm	DNA	[illegible]	Sm	5:55 am	6:[illegible]	Sm	7:10 am	8:15	Sm Sm	12:15p 4:10p	2:15p 6:[illegible]	.02				0	[illegible]	[illegible]	[illegible]	27
28	56	28	28	[illegible]	[illegible]				R	7:15 pm	11:60										T				0	[illegible]	[illegible]	[illegible]	28
29	42	34	8	4	38				Sm	11:25 am	11:25										T				[illegible]	[illegible]	[illegible]	[illegible]	29
30	58	30	28	6	44																0				0	[illegible]	[illegible]	[illegible]	30
31	70	50	20	16	60				R R	9:30A 8:45	10:03A —	R4i	10:03 AM	10:08 AM	R	10:08 AM	10:25 AM	R	12:20 AM	12:25	.75				T	[illegible]	[illegible]	[illegible]	31
S	1451	905	546	200	1180		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3[illegible]		Total excess or deficiency since January 1,		T	09	(a)	(a)	(a)
M	46.8	29.2	17.6	6.5	38.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Estimated

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SUMMARY FOR THE MONTH OF March, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.125	29.088	29.106	29.560	1	28.480	23	1.080	30.073	30.034	30.054	30.53	1	29.38	23	.15
Corrected mean		29.101						Corrected mean		30.049	3,500-ft.			10,000-ft	

TEMPERATURE.

Mean.																				
Dry.			Wet.			Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															
33.4	40.3	36.8	31.0	36.3	33.6	46.8	29.2	38.0	–	–	–	71	26	12	5	59	34	26	6	8

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.
27.3	31.3	29.3	77.4	71.4	74.4	.156	.183	.170	5	0	22	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
10416	14.0	SW	48	SW	17	5	5	2	6	12	17	8	7	0

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.8	6.1	6.7	48	6	7	18	1	1	11

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		
—	—	—	10, 11, 13, 23, 26, 31	7, 16, 17, 23, 28, 31	0	1, 9	0	0	0	0	0	0	31	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.	
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.			
	Amt.	Date. (k)	Amt.	Duration. h. m.	Date. (k)	Amt.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.	Total Depth. (o)	Average Depth at End of Month.
3.71	1.12	10-11		None			None		4	13	9	6	0	17	[illegible]	5	0.7	[illegible]

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

Tipping bucket raingage not exposed during the month.

EXCESSIVE.

Date.	Total Duration.		Total amount of precipitation.	Excessive Rate.		Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					Not recorded.															

* The duration is the time precipitation was actually recorded.

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Prepared by C. O. Salisbury, J. M. Donough, L. F., Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	4 00 P.M.	10 00 P.M.				29.560	30.53	25.0																	1
23	2 00 P.M.	3 00 P.M.				28.480	29.38	64.0																	23

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, 1917

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date —; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 am., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-912; first observation taken in present office, 7:00 a.m. May 20, 191

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1917

Number of Station barometer, 656; sum of corrections, -.02[illegible] inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	67.5	29.030	.111	28.[illegible]	29.[illegible]	[illegible]	[illegible]	46	93	.31[illegible]	68.0	48.0	N	5	42	SW	.30	10	St	N	Cloudy		[illegible]	1
2	67.0	28.987	.110	28.877	29.81	37.0	36.[illegible]	32	83	.180	57.6	36.7	NW	16			.24	10	St	N	Cloudy		[illegible]	2
3	68.0	29.533	.114	29.419	30.38	33.9	29.[illegible]	22	58	.113	38.0	30.4	S	7			0	0	0	0	Clear		[illegible]	3
4	66.5	29.420	.110	2[illegible]	[illegible]	[illegible]	[illegible]	31	68	.172	49.1	39.6	E	11			0	8	Ci St	SW	Cloudy		[illegible]	4
5	66.0	28.651	.106	28.845	29.[illegible]	49.4	48.9	48	96	.334	54.8	49.4	SE	7			.64	10	Nb	SE	St. Rain		[illegible]	5
6	66.0	28.882	.081	28.[illegible]	[illegible]	[illegible]	[illegible]	31	86	.172	36.0	34.6	NW	20	34	NW	T	10	St Cu	NW	Cloudy		[illegible]	6
7	62.5	29.334	.099	29.235	30.18	31.4	25.[illegible]	23	69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	[illegible]	Cu St	[illegible]	Clear		[illegible]	7
8	61.0	28.255	.095	29.155	30.10	31.6	30.1	28	85	.153	40.2	31.5	NE	20	27	[illegible]	0	10	St	NE	Cloudy		[illegible]	8
9	57.0	29.322	.090	29.232	30.18	27.0	25.5	23	82	.118	35.4	25.4	NW	7			0	0	0	0	Clear		[illegible]	9
10	63.5	29.440	.102	29.338	30.29	30.0	27.0	22	68	.113	37.0	28.9	W	2			0	0	0	0	Clear		[illegible]	10
11	64.5	29.198	.104	29.094	30.02	44.9	38.8	31	57	.172	51.4	40.2	S	17			0	1	St	S	Clear		[illegible]	11
12	65.0	29.106	.104	29.002	29.93	43.6	41.6	40	85	.249	60.6	43.3	NW	5			0	1	St	N	Clear		[illegible]	12
13	65.0	29.200	.105	29.095	30.05	26.4	25.3	23	87	.118	39.0	24.3	NW	[illegible]			0	1	St	NW	Clear		[illegible]	13
14	65.0	29.180	.105	29.075	30.03	25.2	24.2	22	87	.113	34.2	23.0	NW	12			0	2 / 1	Ci St / St	NW / NW	Clear		[illegible]	14
15	65.0	29.172	.105	29.067	30.02	31.2	29.7	27	84	.143	34.5	29.8	NW	8			T	1	St Cu	NW	Clear		[illegible]	15
16	62.5	29.415	.099	29.316	30.27	32.4	29.4	24	70	.124	41.0	30.0	NE	6			0	4 / 2	Ci St / St Cu	W / NE	Cloudy		[illegible]	16
17	64.0	29.495	.103	29.392	30.33	45.8	41.3	36	69	.211	52.4	43.5	E	7			0	2 / 2	Ci Cu / St	SW / E	Cloudy		[illegible]	17
18	68.0	29.400	.114	29.286	30.22	58.0	55.0	53	83	.40.2	62.0	50.4	SE	4			T	4	St Ci	S	Cloudy		[illegible]	18
19	72.5	29.244	.125	29.119	30.03	60.5	56.0	52	76	.387	76.0	58.9	SE	2			T	10	St Cu	SW	[illegible]		[illegible]	19
20	72.0	29.074	.123	28.951	29.86	64.0	58.0	54	70	.417	69.0	60.4	S	14			0	9	St Cu	SW	Cloudy		[illegible]	20
21	68.5	29.090	.114	28.976	29.91	46.8	44.3	42	83	.266	67.1	46.8	SW	21	28	SW	T	10	St	W	Cloudy		[illegible]	21
22	67.0	29.240	.110	29.130	30.06	51.0	45.0	39	63	.237	54.4	45.6	SW	16			0	2	Ci St	W	Clear		[illegible]	22
23	68.5	29.190	.114	29.076	30.00	46.4	44.3	42	85	.266	67.0	46.4	E	16			0	2	St Cu	E	Cloudy		[illegible]	23
24	68.0	29.222	.113	29.109	30.05	39.8	34.8	28	61	.150	48.0	39.4	NE	10			.01	10	Nb	NE	St. Rain		[illegible]	24
25	67.0	28.992	.110	28.882	29.81	39.0	38.0	37	92	.219	48.0	38.7	E	10			.10	10	Nb	S	St. Rain		[illegible]	25
26	64.0	29.110	.102	29.008	29.95	44.4	39.3	37	84	.219	47.8	41.2	SW	22			T	10	St	SW	Cloudy		[illegible]	26
27	61.5	29.320	.096	29.224	30.15	43.0	40.0	36	78	.211	43.9	39.8	SW	1			0	10	St	SW	Cloudy		[illegible]	27
28	62.5	29.290	.099	29.191	30.12	38.6	36.0	32	79	.180	46.8	36.2	NE	14			0	1	St	NE	Clear		[illegible]	28
29	65.5	29.040	.106	28.934	29.86	44.4	41.2	38	77	228	47.0	40.4	E	5			.03	10	St.	E	Cloudy		MRD	29
30	63.5	29.180	.101	29.079	30.01	45.0	44.0	43	93	.277	51.6	44.2	S	5			0	10	St.	SW	Cloudy		MRD	30
31																								31
Sums		(a)	(a)	872.837	900.90	1230.7	1146.4	1042	2351	6.367	(a)	(a)	(a)	313	(a)	(a)	1.52	184	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.095	30.030	41.0	38.2	34.7	78.4	.212	(a)	(a)	(c) NW	10.4	(a)	(a)	(a)	6.1	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1917

Number of Station barometer, 656; sum of corrections, [illegible] inch.

OBSERVER: [illegible]

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO [illegible] P. M. [illegible] MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor pressure. Initials of observer.	Date.	Day T-min	Relative humidity
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
1	67.5	28.880	.111	28.769	29.68	57.6	57.1	57	97	.465	59.3	48.0	SW	8			.20	10	Nb	SW	[illegible]			.37[illegible]	1	[illegible]	[illegible]
2	[illegible]	29.397	.12[illegible]	29.250	30.28	38.0	32.5	24	55	.12[illegible]	43.6	33.[illegible]	W	8			.01	NW	St6u	W	Clear			.164	2	[illegible]	[illegible]
3	70.5	29.5[illegible]	.121	29.41[illegible]	30.3[illegible]	4[illegible]	[illegible]	28	43	[illegible]	54.[illegible]	2[illegible]	[illegible]	2			0	4	St[illegible]	S[illegible]	[illegible]			.256	3	[illegible]	[illegible]
4	67.0	29.086	.110	28.976	29.9[illegible]	54.8	45[illegible]	41	61	.256	60.2	40[illegible]	[illegible]				0	8	St6u	SE	[illegible]			.203	4	[illegible]	[illegible]
5	145	28[illegible]		28.35[illegible]	29.4[illegible]	35[illegible]	[illegible]	33	[illegible]	[illegible]	50.[illegible]	[illegible]	NW	2[illegible]	30	[illegible]	[illegible]	10	[illegible]	[illegible]	[illegible]			[illegible]	5	[illegible]	[illegible]
6	67.0	29.164	[illegible]	29.05[illegible]	30.00	39.0	3[illegible]	29	65	[illegible]	43.9	3[illegible]	W	[illegible]	30	W	0	FEW	St6u	[illegible]	[illegible]			.192	6	3[illegible]	[illegible]
7	64.0	29.287	.103	29.186	30.13	40.2	35.1	28	60	.156	43.1	5[illegible]	NE	10			0	10	St6u	NE	Cloudy			[illegible]	7	[illegible]	[illegible]
8	65.5	29.255	.107	29.145	30.09	35.4	30.4	22	55	.113	39.0	31.6	N	10	30	NE	0	4	St6u	N	Cloudy			.157	8	3[illegible]	[illegible]
9	69.[illegible]	29.331	.116	29.215	30.[illegible]7	37.0	35.[illegible]	17	41	.0[illegible]	42.6	27.[illegible]	NW	7			0	1	St[illegible]	NW	Clear			.14[illegible]	9	5[illegible]	[illegible]
10	68.0	29.2[illegible]	.113	29.15[illegible]	31.0[illegible]	51.4	[illegible]	2[illegible]	3[illegible]	[illegible]	56.3	30.[illegible]	S	6			0	2	St6u	[illegible]	Clear			.103	10	4[illegible]	[illegible]
11	66.0	29.063	[illegible]	28.9[illegible]	29.8[illegible]	60.6	52.0	44	36	[illegible]	68.5	[illegible]	SW	5	29	SW	0	8	St6u	[illegible]	[illegible]			.219	11	[illegible]	[illegible]
12	71.0	29.175	.121	29.054	29.9[illegible]	39.0	3[illegible]	27	60	.143	53.8	39.0	NW	8			0	3	St6u	NW	Clear			.15[illegible]	12	[illegible]	[illegible]
13	71.0	29.204	[illegible]	29.083	3[illegible]	3[illegible]	[illegible]	23	5[illegible]	[illegible]	4[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	S[illegible]	[illegible]	[illegible]			.118	13	36	5[illegible]
14	72.5	29.141	.125	29.016	29.97	34.5	30.0	22	58	.113	37.1	25.2	N	4			0	10	St6u	W	Cloudy			.124	14	[illegible]	[illegible]
15	65.5	29.272	.107	29.165	30.[illegible]	41.0	35.[illegible]	28	59	.150	46.0	31.2	NW	[illegible]			0	1 3	St St6u	N E	Clear			.14[illegible]	15	4[illegible]	[illegible]
16	65.0	29.431	.106	29.325	30.27	52.4	42.4	29	41	.157	56.5	32.4	E	6			0	5	St	E	Clear			.32[illegible]	16	5[illegible]	[illegible]
17	67.0	29.395	.11	29.284	30.22	62.0	52.5	44	53	.2[illegible]	71.0	45.[illegible]	[illegible]	[illegible]			T	10	Nb	N	[illegible]			.266	17	66	4[illegible]
18	73.0	29.259	.132	29.127	30.05	76.0	62.0	58	45	4[illegible]	82.9	58.[illegible]	S	[illegible]			0	5	St6u	SW	[illegible]			.536	18	79	5[illegible]
19	73.0	29.114	.126	28.989	29.9[illegible]	69.0	63.[illegible]	60	72	[illegible]	78.5	[illegible]	S	[illegible]	28	S	.01	2 [illegible] 3	Ci St [illegible] St6u	SW S[illegible] W	Clear			.465	19	6[illegible]	[illegible]
20	[illegible]	28.921	.127	28.794	29.63	67.[illegible]	[illegible]	66	67	.445	76.6	[illegible]	SW	6[illegible]	39	[illegible]	.04	3	St[illegible]	SW	Cloudy			.463	20	75	5[illegible]
21	74.0	29.217	.129	29.088	30.02	54.4	46.0	37	52	.219	67.3	44.2	S	6			0	0	0	0	Clear			.237	21	[illegible]	[illegible]
22	72.0	29.184	.124	29.060	29.98	69.0	54.8	43	39	.29[illegible]	76.6	[illegible]	S[illegible]	8			0	2	St	SW	Clear			.277	22	72	[illegible]
23	69.0	29.185	.116	29.069	30.[illegible]	48.0	44.0	40	73	.24[illegible]	52.[illegible]	[illegible]	NE	[illegible]			T	10	Nb	NE	St. Rain			.256	23	51	[illegible]
24	69.5	29.188	[illegible]	29.0[illegible]	30.[illegible]	48.5	[illegible]	2[illegible]	42	[illegible]	50.0	3[illegible]	NE	[illegible]			[illegible]	10	St[illegible]	[illegible]	Clear			.180	24	48	[illegible]
25	66.0	28.988	.107	28.881	29.8[illegible]	47.8	42.0	35	61	.2[illegible]	55.2	39.0	SW	2[illegible]	30	SW	.47	6	St6u	SW	[illegible]			.29[illegible]	25	[illegible]	[illegible]
26	63.0	29.279	.100	29.179	3[illegible]	43.9	39.[illegible]	34	68	[illegible]	[illegible]	3[illegible]	W	[illegible]	3[illegible]	SW	0	10	St	W	[illegible]			.172	26	[illegible]	[illegible]
27	63.0	29.292	.10[illegible]	29.[illegible]	30.[illegible]	[illegible]	[illegible]	3[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				T	[illegible]	[illegible]		[illegible]			[illegible]	27	[illegible]	[illegible]
28	67.0	29.168	.110	29.058	30.00	47.0	38.[illegible]	27	44	.143	54.3	38.6	NE	[illegible]			T	10	St6u	NE	[illegible]			[illegible]	28	5[illegible]	[illegible]
29	63.5	29.1[illegible]	.15[illegible]	29.017	29.95	51.6	50.1	49	91	[illegible]	52.[illegible]	44.4	SW	12	26	SW	T	10	St	SW	Cloudy			.322	29	52	8[illegible]
30	67.0	28.732	.109	28.623	29.53	51.3	50.3	49	94	.347	53.1	45.0	E	8			.34	10	St6u	SE	Cloudy			.237	30	49	[illegible]
31																									31		
Sums	(a)	(a)	(a)	871.748	894.77	1451.1	1289.4	1067	1806	6772	(a)	(a)	(a)	304	(a)	(a)	2.18	190	(a)	(a)	(a)	0	0	4.075	(a)	1522	1845
Means	(a)	(a)	(a)	29.058	29.792	44.4	43.0	35.6	60.2	.226	(a)	(a)	(c) SW	10.1	(a)	(a)	(a)	6.3	(c) St.Cu.	(c) W SW	(a)	(a)	(a)	.236	(a)	50.7	[illegible]

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1917

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. --p.m. to --p.m. *‡‡	Snow unmelted. --p.m. to --p.m. *‡‡	Hail, sleet, and snow on ground at --p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	63	[illegible]	[illegible]	[illegible]	[illegible]				R	---	[illegible]	R	[illegible]	[illegible]							[illegible]				[illegible]	[illegible]			1
2	46	33	13	14	40				R	9:40 AM	11:53 AM										.01				0	0	0	0	2
3	54	30	24	2	42																0				0	0	0	0	3
4	60	40	20	8	50				R	7:10 pm	9:15 pm	R	10:30 pm	---							.10				0	0	0	0	4
5	51	35	16	7	43				R	---	9:12 pm																		5
6	44	33	11	5	38				R	DNA	6:20 am										T				0	0			6
7	43	29	14	2	36																0				0	0	0	0	7
8	39	29	10	2	34																0				0	0	0	0	8
9	43	25	18	0	34																0				0	0	0	0	9
10	55	29	26	8	42																0				0	0	0	0	10
11	68	40	28	12	54																0				0	0	0	0	11
12	54	31	23	12	42																0				0	0	0	0	12
13	41	24	17	10	32																0				0	0	0	0	13
14	37	23	14	2	30				Sd	7:45 pm	11:15 pm										T				0	0	0	T	14
15	46	30	16	8	38																0				0	T	0	0	15
16	56	30	26	5	43																0				0	0	0	0	16
17	71	44	27	15	58				R	5:50 pm	8:20 pm										T				0	0	0	0	17
18	83	50	33	8	66																0				0	0	0	0	18
19	73	59	14	0	66				R	6:05 am	6:15 am	R	10:45 am	10:53 am	R	12:10 pm	12:15 pm				.01				0	0	0	0	19
20	76	50	26	3	63				R	9:15 am	9:30 am	R	1:40 pm	2:20 pm	R	7:00 pm	7:20 pm				.04				0	0	0	0	20
21	57	44	13	13	50																0				0	0	0	0	21
22	75	46	29	10	60																0				0	0	0	0	22
23	59	43	16	9	51				R	7:55 am	8:10 am	R	9:05 am	9:15 am	R	3:50 pm	4:00 pm	R	6:25 pm	8:10 pm	.01				0	0	0	0	23
24	50	38	12	7	44				R	6:35 am	6:57 am	R	8:45 pm	---							T				0	0	0	0	24
25	55	39	16	5	47				R	---	12:35 pm	R	5:45 pm	6:20 pm							.57				0	0	0	0	25
26	46	39	7	5	42				R	6:34 am	6:50 am										T								26
27	48	40	8	2	44				R	12:22 pm	1:05 pm										T				0	0	0	0	27
28	54	36	18	1	45				R	5:13 pm	6:00 pm										T				0	0	0	0	28
29	58	40	18	4	49				R	DNA	DNA	R	10:45 AM	11:15 AM							.03				0	0	0	0	29
30	57	44	13	1	50				R	10:25 AM	1:00 PM	R	3:02 PM	3:18 PM	R	3:37 PM	4:50 PM	R	8:56 PM	---	.46				0	0	0	0	30
31																													31
S	1662	1119	543	184	1387		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.47		Total excess or deficiency since January 1,		0	T	(a)	(a)	(a)
M	554	373	181	61	462	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated.

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SUMMARY FOR THE MONTH OF April, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .002.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.095	29.058	29.076	29.460	3	28.420	5	1.040	30.030	29.992	30.011	30.441	3	29.33	5	.8
Corrected mean		29.071						Corrected mean		30.006	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
41.0	49.4	45.2	38.2	43.0	40.6	55.4	37.3	46.4	–	–	–	83	18	23	14	60	33	18	7	26

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
34.7	30.6	32.2	78.4	60.2	69.3	.212	.226	.219	0	0	10	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7880	10.9	NW	39	S	20	5	9	9	3	8	10	4	2	

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.1	6.3	6.8	43	6	5	19	0	0	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. ⊕ Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	15, 16	20, 30	0	11	0	0	0	0	0	0	0		

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.47	1.25	4-5	none	—	—	none	—	–	7	10	6	4	2	17	1	0	T	0

(w) Maximum precipitation in 5 minutes .05, date 5; 10 minutes .07, date 5; 15 minutes .10, date 5;
30 minutes .16, date 5; 1 hour .21, date 5; 2 hours .29, date 5.
TIPPING BUCKET GAGE PLACED IN POSITION ON ROOF AT 1:30 P.M. OF THE 3d.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					None recorded															

⊕ Frosts not recorded prior to the 15th

* The duration is the time precipitation was actually recorded.

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Prepared by J. O. Sahlin, O. M. Longnecker, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1917

Number of Station barometer, ; sum of corrections, inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	40 12 am	40 a	62.0	29.230	.097	29.13[illegible]	[illegible]	36.0	33.[illegible]	29	7	73	[illegible]	NE	20	30	NE	0	10	St	NE	[illegible]	Ordered [illegible]	[illegible]	1
2	00 1 pm	00 12	66.5	28.915	.108	28.8[illegible]	[illegible]	[illegible]	[illegible]	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			.39	10	Nb	SE	[illegible]	Ordered [illegible]	[illegible]	2
30	12 noon	00 11 AM	65.0	29.115	.104	29.01[illegible]	29.95	48.6	46.0	44	5	82	48.6	SE	4			T	10	Nb.	SE	Light rain	Ordered by C.O.	CAS	30
3	11 00 am	00 12 noon				29.460	30.41	57.0																	3
5	1 00 pm	00 2 pm				28.420	29.33	46.0																	5

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of May, *1917*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, 10516 from the 2d.

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 625; sum of corrections, ____; date and observation upon which use of station barometer commenced, ____ 1911, 7:00 A.M., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room 911-913; first observation taken in present office, [illegible] m. May 20, 191

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1917

Number of Station barometer, 656; sum of corrections, -.002 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:[illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	61.5	28.825	.095	28.730	29.65	40.0	38.0	35	84	.203	57.3	37.8	SW	25	46	SW	.16	10	NB	SW	Cl.			1
2	63.5	29.255	.102	29.153	30.08	40.2	38.5	36	85	.211	48.[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			2
3	62.5	29.[illegible]	.[illegible]	[illegible]	30.22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	[illegible]	[illegible]	[illegible]	[illegible]			3
4	64.0	29.011	.102	28.909	29.84	38.4	36.0	33	80	.187	52.0	36.8	NE	15			0	10	St Cu	E	Clear			4
5	66.0	29.065	.107	28.958	29.90	38.7	36.4	33	81	.187	40.2	35.9	N	11	28	[illegible]	[illegible]	10	St Cu	[illegible]	Cloudy			5
6	67.0	29.281	.111	29.170	30.11	39.1	36.1	32	76	.180	43.0	39.1	N	7			0	10	St Cu	N	Cloudy		Cl	6
7	66.0	29.367	.108	29.259	30.21	40.9	39.9	39	92	.237	43.0	38.1	N	8			.01	10	[illegible]	[illegible]	[illegible]			7
8	68.0	29.231	.113	29.118	30.06	40.3	36.8	32	72	.180	48.0	37.9	SW	2			0	7	St Cu	N	Clear			8
9	67.0	29.199	.110	29.089	30.03	37.8	34.3	30	71	.164	46.8	42.9	NW	6			0	8	St Cu	[illegible]	[illegible]			9
10	66.5	29.291	.109	29.182	[illegible]	[illegible]	[illegible]	32	69	[illegible]	50.0	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]			10
11	66.5	29.154	.109	[illegible]	[illegible]	42.6	37.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					0	7	St Cu	[illegible]	[illegible]			11
12	65.0	29.267	.105	29.162	30.10	38.7	37.5	34	82	.195	44.0	38.0	NW	8			T	Few	St Cu	NW	Clear			12
13	66.0	29.285	.108	29.177	30.11	44.0	39.5	34	68	.195	51.0	42.2	N	5			0	10	St	N	Clear			13
14	64.0	29.35[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			14
15	66.0	29.335	.108	[illegible]	[illegible]	51.[illegible]	[illegible]	31	53	[illegible]	12.3	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			15
16	67.5	29.185	.112	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	Dense	[illegible]	[illegible]	[illegible]			16
17	70.0	29.150	.118	29.032	29.95	60.4	51.0	43	52	.297	74.0	54.8	SW	8			0	0 Dense	Fog	[illegible]	[illegible]			17
18	74.0	29.152	.129	[illegible]	29.93	64.0	55.0	48	56	.334	78.0	59.6	SW	12			0	0	0	0	Clear			18
19	76.5	29.060	.134	28.926	[illegible]	68.0	60.0	55	63	.432	68.4	62.9	S	14			0	3	Ci	S	Clear			19
20	79.0	29.144	.142	29.002	29.90	64.6	61.1	59	82	.499	81.4	61.5	N	5	38	NW	.38	0	0	0	Clear			20
21	76.0	29.126	.134	28.992	29.92	48.9	47.0	45	88	.298	62.0	47.0	E	11			T	10	St Cu	E	Cloudy			21
22	70.0	28.635	.117	28.518	29.43	49.0	[illegible]	48	96	.334	50.0	45.3	NE	6			1.50	10	Nb	NE	St Rain			22
23	64.5	28.997	.103	28.894	29.83	38.0	[illegible]	31	75	.172	41.0	36.0	W	14	25	[illegible]	.01	5	St Cu	W	Cloudy			23
24	63.0	28.982	.099	28.883	29.81	45.0	40.0	34	65	.195	49.8	42.2	W	14			0	Dense	Smoke	W	Smoky			24
25	65.0	29.198	.105	29.093	30.02	48.5	43.1	37	64	.219	55.4	42.9	NW	12			0	0	0	0	Clear			25
26	67.0	29.134	.110	29.024	29.95	52.0	49.5	43	72	.277	61.2	47.8	S	10			.02	10	St Cu	W	Cloudy			26
27	67.0	28.853	.109	28.744	29.65	56.3	54.8	53	91	.402	63.6	51.0	SW	7			0	2	St Cu	W	Clear			27
28	65.5	28.760	.105	28.655	29.58	48.0	47.0	46	93	.310	56.0	47.1	NE	18			.29	10	Nb	NE	St Rain			28
29	65.0	29.184	.105	29.079	30.01	50.0	46.0	42	74	.266	54.4	42.0	W	6			0	0	0	0	Clear			29
30	67.0	29.308	.111	29.197	30.12	57.8	50.8	45	62	.298	65.8	55.9	S	7			0	10	St Cu	S	Cloudy			30
31	68.0	28.960	.112	28.848	29.76	65.3	59.8	56	73	.448	66.3	[illegible]	SW	20			15 .14	4 3	Ci St St Cu	SW SW	Cloudy			31
Sums		(a)	(a)	899.694	928.41	1501.1	1370.3	1235	2275	[illegible]	(a)	(a)	(a)	291	(a)	(a)	2.67	153	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.022	29.949	48.4	44.2	39.8	73.4	256	(a)	(a)	(c) SW	9.4	(a)	(a)	(a)	4.9	(c) St. Cu.	(c) NE W NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90° MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of Observer	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor Pressure ~~Initials of observer.~~ 90° Mer. Time.	Date.	Noon Data 90° Mer. Dry Thermometer	Noon Data 90° Mer. Relative Humidity
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48.5	[illegible]	39	67	[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]	35	SW	T	9	St Cu	[illegible]	[illegible]			[illegible]	1		
	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	76	[illegible]	54.4	[illegible]	[illegible]	[illegible]			0	3	St	[illegible]	[illegible]			[illegible]	2		
	3	69.0	29.216	[illegible]	[illegible]	[illegible]	52.0	[illegible]	29	41	[illegible]	55.2	46.3	E	[illegible]			0	4	Cu St	SW	[illegible]			[illegible]	3		
	4	[illegible]	[illegible]	[illegible]	28.856	29.79	49.2	[illegible]	38	91	.228	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.23	10	Nb	N	St Rain			.180	4		
P. McD.	5	71.0	29.258	.121	29.137	30.08	43.0	40.0	36	78	.211	45.2	38.7	N	9			0	10	St Cu	N	Cloudy			.211	5	43	53
C.C.S.	6	66.5	29.339	.109	29.230	30.17	43.0	42.0	41	92	.256	48.2	39.1	NE	1			.02	10	St Cu	N	Cloudy			.219	6	46	72
	7	72.5	29.334	.132	[illegible]	[illegible]	[illegible]	[illegible]	38	65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				2	Cu St	SW	[illegible]			[illegible]	7		
P. McD.	8	75.0	29.174	.132	29.042	29.98	46.8	39.2	29	49	.157	56.3	40.3	NW	8			T	[illegible]	St	[illegible]	[illegible]			[illegible]	8		
	9	75.5	29.220	.133	[illegible]	[illegible]	[illegible]	[illegible]	25	38	[illegible]	53.[illegible]	[illegible]	[illegible]	[illegible]			0	1	St Cu	[illegible]	[illegible]			.180	9	49	[illegible]
	10	71.5	29.160	.122	29.038	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	10	[illegible]	[illegible]
	11	69.0	28.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	11	[illegible]	
P. McD.	12	71.0	29.223	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		54.2	33.[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	12	[illegible]	
	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	13	[illegible]	
	14	68.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	14	[illegible]	
	15	70.0	29.220	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		72.6	55.8	SW	8			[illegible]	[illegible]	St Cu	[illegible]	[illegible]			[illegible]	15	[illegible]	
	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	St	[illegible]	[illegible]			[illegible]	16	[illegible]	
	17	77.0	29.106	.136	28.970	[illegible]	78.0	60.0	47	34	.322	84.[illegible]	[illegible]	[illegible]	[illegible]			0	7	St Cu	SW	[illegible]			[illegible]	17	[illegible]	
	18	77.0	29.142	[illegible]	29.005	29.92	[illegible]	[illegible]	56	64	.448	85.0	64.0	N	[illegible]			T	5	St Cu	N	[illegible]			.389	18	83	34
P. McD.	19	83.0	28.923	.151	28.772	29.66	81.4	67.3	60	48	[illegible]	84.9	68.0	SW	18	[illegible]	[illegible]	0	5	Cu St	NW	[illegible]			.465	19	82	[illegible]
	20	81.0	29.170	.147	29.023	[illegible]	[illegible]	[illegible]	56	81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	8	St Cu	SW	[illegible]			[illegible]	20	[illegible]	
	21	[illegible]	[illegible]	.128	[illegible]	[illegible]	50.0	48.3	47	89	322	[illegible]	[illegible]	[illegible]	[illegible]			.02	10	St	E	[illegible]			[illegible]	21	[illegible]	
P. McD.	22	69.0	28.690	.114	[illegible]	29.50	41.0	41.0	[illegible]	[illegible]	[illegible]	69.0	41.0	NW	24	34	SW	.94	10	Nb	NW	[illegible]			.360	22	53	[illegible]
	23	65.5	28.980	.106	28.874	[illegible]	49.8	42.0	33	51	.187	51.0	38.0	W	8	[illegible]	W	[illegible]	3	St	W	[illegible]			.150	23	47	[illegible]
	24	66.0	29.064	.107	28.957	[illegible]	[illegible]	[illegible]	35	47	.203	60.0	45.0	NW	12	28	W	0	1	St	NW	[illegible]			[illegible]	24	[illegible]	
	25	69.0	29.264	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	43	52	.277	[illegible]	46.5	N	[illegible]			0	8	St Cu	[illegible]	[illegible]			.219	25	[illegible]	
	26	68.0	28.836	.112	[illegible]	[illegible]	63.6	60.6	[illegible]	53	[illegible]	65.7	52.0	S	6			.03	4	Cu St	[illegible]	[illegible]			[illegible]	26	[illegible]	64
	27	67.0	28.926	.110	28.816	[illegible]	56.0	53.8	53	[illegible]	[illegible]	62.5	[illegible]	[illegible]	[illegible]			0	13	St	[illegible]	[illegible]			[illegible]	27	[illegible]	
	28	65.5	28.990	.106	28.884	29.79	53.6	[illegible]	46	75	[illegible]	53.6	48.0	N	[illegible]			.15	16	St	NW	[illegible]			[illegible]	28	[illegible]	
P. McD.	29	69.0	29.220	.116	29.104	30.02	60.8	[illegible]	42	[illegible]	[illegible]	69.4	50.0	SW	3			0	7	Cu St	W	[illegible]			[illegible]	29	[illegible]	
C.C.S.	30	68.0	29.096	.112	28.984	29.90	66.3	[illegible]	53	[illegible]	[illegible]	71.0	[illegible]	[illegible]	[illegible]			T	10	St	SW	[illegible]			[illegible]	30	[illegible]	
P. McD.	31	[illegible]	[illegible]	.119	28.931	29.84	65.6	63.2	62	[illegible]	.335	72.2	[illegible]	[illegible]	[illegible]	36	SW	.05	10	Nb	W	[illegible]			.465	31	70	[illegible]
Sums		(a)	(a)		898.950	927.65	1744.5	1516.7	1298	1922	8733	(a)	(a)	(a)	300	(a)	(a)	1.44	209	(a)	(a)	(a)	0	0	8.051	(a)	1829	1612
Means		(a)	(a)		28.998	29.924	56.3	48.9	41.9	62.0	.282	(a)	(a)	(c) NW	9.7	(a)	(a)	(a)	6.7	(c) St Cu St	(c) NW	(a)	(a)	(a)	.260	(a)	55.0	52.0

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1917

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. ? p.m. to ? p.m. *‡‡	Snow unmelted. ? p.m. to ? p.m. *‡‡	Hail, sleet, and snow on ground at ? p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	49	38	11	6	44				R	—	DNA	R	6:[illegible] AM	7:[illegible] AM	R	6:22 pm	6:25 pm	R	6:56 pm										1
2	54	38	16	2	46																								2
3	55	34	21	2	44																								3
4	44	36	8	4	40				R	7:15 am	7:20 am	R	9:18 am	DA							.39								4
5	45	37	8	1	41																0				0	0	0	0	5
6	48	39	9	3	44				R	9:02A	9:08A																		6
									R	10:14A	10:25A	R	11:18 am	1:55 pm	R	2:[illegible] pm	[illegible]	R	6:[illegible]										6
7	52	38	14	1	45				R	DNA	DNA	R	12:27 pm	12:53 pm	R	5:[illegible]					[illegible]								7
8	56	37	19	1	46				R	11:17 am	11:22 am	R	12:16 pm	1:45 pm							T								8
9	53	33	20	3	43																								9
10	60	36	24	5	48																								10
11	56	38	18	1	47				R	5:[illegible]											T								11
12	54	35	19	3	44																								12
13	56	42	14	5	49																								13
14	67	39	28	4	53																								14
15	73	48	25	7	60																								15
16	79	56	23	8	68																								16
17	84	55	29	2	70																0								17
18	85	60	25	2	72				R	5:00 pm	5:20 pm	R	5:15 pm	6:20 pm							T								18
19	85	63	22	2	74				R	8:33 pm	9:25 pm	R	10:20 pm	10:25 pm	R+H	10:25 pm	10:30 pm	R	10:30 pm	—	.28				~~.01~~	0	0		19
20	78	53	25	8	66				R	—	DNA	R	9:15 pm	9:45 pm							.11								20
21	61	45	16	13	53				R	12:25 pm	12:38 pm	R	2:53 pm	3:46 pm	R	7:25 pm	—				1.02				0	0	0	0	21
22	69	37	32	0	53				R	—	6:50 am	R	10:30 am	10:46 am	R	10:57 am	11:10 am	R	11:54 am	DH	1.45								22
23	51	36	15	9	44																0								23
24	60	42	18	2	51																0				0	0	0		24
25	64	43	21	3	54																0								25
26	66	48	18	3	57				R	DNA	DNA	R	1:56 pm	5:20 pm							.05				0	0	0		26
27	63	51	12	0	57																0								27
28	54	47	7	7	50				R	DNA	8:45 am	R	12:25 pm	6:35 pm							~~.43~~				0	0		0	28
29	69	42	27	6	56																0				0	0	0	0	29
30	71	56	15	8	64				R	6:00 pm	6:08 pm	R	9:52 pm	12:00 M							.14				0	0	0		30
31	72	62	10	3	67				R	8:05 am	8:15 am	R	10:35 am	10:55 am	R	2:02 pm	2:10 pm	R	6:15 pm	10:15 pm	.06				0	0	0		31
S	1933	1364	569	179	1650		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.00		Total excess or deficiency since January 1,		.01	0	(a)	(a)	(a)
M	62.4	44.0	18.4	4.2	53.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Ø Estimated

SUMMARY FOR THE MONTH OF May, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.022	28.998	29.010	29.281	3	28.380	22	.901	29.949	29.924	29.936	30.22	3	29.29	22	0.93
Corrected mean		29.005						Corrected mean		29.931	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
48.4	56.3	52.4	44.7	48.9	46.6	62.4	44.0	53.2				86	18	33	9	53	32	22	7	28

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
39.8	41.9	40.8	73.4	62.0	67.7	.256	.282	.269	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8305	11.2	NW	46	SW	1	11	6	3	2	4	13	7	16	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.9	6.7	6.1	43	8	10	13	1	1	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
2, 10, 11, 14	3, 9	0	18, 19, 20, 27, 26, 30,	1	0	0	0	0	15, 16, 17	16	0	24	19	

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.00	2.44	21-22	- None			None		-	3	12	10	5	2	15	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.09, date 21; 10 minutes 0.13, date 21; 15 minutes 0.21, date 21; 30 minutes 0.37, date 21; 1 hour 0.52, date 21; 2 hours 0.79, date 21.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
					None															

* The duration is the time precipitation was actually recorded.

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Prepared by O. Lehnore F. M. Donough L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1917

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
✓ 1	1:00 pm	[illegible]	66.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5	[illegible]	[illegible]	SW	[illegible]	[illegible]	[illegible]	T	10	[illegible]	[illegible]	[illegible]	Orchard	[illegible]	
✓ 22	18 [illegible]		70.0	[illegible]	[illegible]	28.443	[illegible]	67.0	61.5	58	9	73	[illegible]	SW	20	[illegible]	[illegible]	T	10	[illegible]	[illegible]	Cloudy	Orchard by G.C.	[illegible]	
22	3:30 pm	2:30 pm				28.380	29.29	58.0																	22

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of June, *1917*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date — — — —; amount of change in height of barometer, — — feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911, 7:00 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Wall Court & Berry street, room 911-912; first observation taken in present office, 7:00 a m. May 20, 191

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 9:00 A. M. [illegible] MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	69.0	29.224	.116	29.108	30.03	60.0	58.7	58	93	.482	65.6	60.0	W	8			.01	10	St	NW	Cloudy			1
2	70.0	29.032	.118	28.934	[illegible]	[illegible]	[illegible]	57	[illegible]	.422	66.8	58.[illegible]	[illegible]	[illegible]				10	St	[illegible]	Cloudy			2
3	68.5	29.324	.115	29.209	30.14	53.0	49.6	46	79	.310	61.0	51.4	W	18	39	[illegible]	T	2	Cu St	[illegible]	Clear			3
4	70.0	29.420	.119	29.301	30.23	59.6	54.1	50	71	.360	70.0	54.3	SW	7			0	1	St	SW	Clear			4
5	71.5	29.094	.121	28.973	29.89	63.6	62.1	62	92	.555	69.8	61.2	W	5	30	SW	.31	10	St Cu	W	Cloudy			5
6	72.0	28.980	.123	28.857	29.77	65.5	65.0	64	97	.595	66.0	62.0	SE	5			.62	9	St Cu	SW	Cloudy			6
7	64.0	28.925	.102	28.823	29.72	64.3	60.0	58	78	.482	70.3	59.0	SW	22			0	2	St Cu	SW	Pt Cloudy			7
8	71.0	29.042	.120	28.922	29.83	60.4	54.9	51	71	.373	65.0	56.9	SW	8			T	1	St	SW	Clear			8
9	72.5	29.000	.124	28.876	29.79	60.0	58.4	58	91	.482	71.8	58.0	E	3			0	10	St	E	Cloudy			9
10	70.5	29.070	.119	28.951	29.87	61.0	59.0	58	89	.482	61.0	58.0	NE	6			.01	4	St Cu	NE	Pt Cloudy			10
11	72.5	29.226	.125	29.101	30.02	58.0	57.5	57	97	.465	70.5	56.4	E	[illegible]			0	3	St	[illegible]	Clear			11
12	74.0	29.350	.129	29.221	30.14	64.6	62.5	61	89	.536	72.8	61.0	S	3			0	4	Ci St	SW	Pt Cloudy			12
13	77.5	29.390	.139	29.251	30.16	71.0	65.8	63	76	.575	80.0	67.0	S	7			0	7	Ci St	SW	Cloudy			13
14	74.0	29.241	.129	29.112	30.04	56.6	54.1	53	85	.402	57.0	51.8	SW	13			T	1	St	SW	Clear			14
15	68.0	29.266	.113	29.153	30.08	47.9	46.2	44	89	.287	50.8	45.8	N	8			0	10	St	NW	Cloudy			15
16	65.0	29.480	.106	29.374	30.31	47.0	44.0	41	79	.256	51.0	40.4	N	4			0	0	0	0	Clear			16
17	66.0	29.542	.109	29.433	30.37	53.4	49.4	46	75	.310	61.1	48.0	S	9			0	4	Ci St	NW	Pt Cloudy			17
18	68.5	29.350	.115	29.235	30.16	63.8	56.8	53	69	.402	70.6	56.1	SW	11			0	1	St	S	Pt Cloudy			18
19	72.5	29.173	.125	29.048	29.96	68.0	64.0	62	81	.535	77.0	62.0	SW	13			0	5	Ci St	NW	Pt Cloudy			19
20	73.0	29.182	.126	29.056	29.98	61.0	58.4	57	86	.465	71.0	55.0	W	4			0	6	Ci St	SW	Clear			20
21	73.5	29.261	.128	29.133	30.04	64.0	58.0	54	70	.417	71.8	57.4	SE	7			0	0	0	0	Clear			21
22	75.0	29.318	.132	29.186	30.11	66.9	63.8	62	85	.555	76.0	62.8	SW	8			.03	1	Ci St	NW	Pt Cloudy			22
23	76.0	29.207	.134	29.073	29.93	67.4	63.9	62	83	.535	67.4	61.9	S	9			1.32	3	St	W	Clear			23
24	76.0	29.304	.134	29.170	30.09	57.6	56.6	56	94	.448	72.0	56.9	NW	7			0	1	St Cu	SW	Cloudy			24
25	74.5	29.428	.131	29.297	30.25	61.2	59.2	58	89	.482	64.6	53.7	S	5			0	5	St	SW	Pt Cloudy			25
26	74.0	29.297	.129	29.168	30.09	73.0	69.0	67	82	.661	73.0	66.6	SW	13			0	3	Ci Cu	NW	Clear			26
27	76.0	29.340	.134	29.206	30.13	67.2	66.5	65	94	.616	73.6	65.0	SW	3			0	2	Ci Cu	W	Clear			27
28	76.0	29.246	.134	29.112	30.02	69.0	66.0	64	86	.595	77.3	65.6	E	2			T	8	Ci St	SW	Cloudy			28
29	75.0	29.200	.132	29.068	29.97	60.0	58.0	57	89	.465	68.0	58.3	NW	12			.03	10	St Cu	W	Cloudy			29
30	75.5	29.361	.133	29.228	30.15	64.8	58.3	54	68	.417	71.7	56.8	SW	5			0	1	St	SW	Clear			30
31																								31
Sums		(a)	(a)	873.579	921.17	1844.4	1758.7	1699	2419	14267	(a)	(a)	(a)	242	(a)	(a)	.741	163	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.119	30.039	61.6	58.6	56.6	84.0	.469	(a)	(a)	(c) SW	8.1	(a)	(a)	(a)	5.4	(c) St.	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1917

Number of Station barometer, 656; sum of corrections, −.002 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:18 P. M. LOCAL MEAN TIME.

Initials of Observer.	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor Pressure at noon 90th Mer. Initials of observer.	Date.	Noon Data 90th Mer. Dry Thermometer	Noon Data 90th Mer. Relative Humidity
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
	1	70.0	29.206	.118	29.088	30.01	66.8	61.0	57	72	.465	69.1	59.5	E	3			0	10	St Cu	SW	Cloudy			[illegible]	1	67	67
	2	72.0	29.018	.123	28.895	29.82	61.0	54.0	49	64	.347	76.0	60.4	SW	30	38	SW	0	6	St Cu	W	Pt Cloudy			[illegible]	2	[illegible]	23
	3	72.0	29.386	.125	29.261	30.19	70.0	58.0	49	48	.347	74.2	55.0	SW	5			0	1	6 St / St	W / SW	Clear			.310	3	[illegible]	47
	4	71.0	29.194	.121	29.073	29.99	67.8	60.5	54	58	.417	74.1	59.6	S	5			0	10	St Cu	W	Cloudy			.254	4	[illegible]	[illegible]
	5	72.0	29.107	.123	28.984	29.90	66.0	65.0	64	95	.595	73.2	63.6	S	4			.22	10	St	S	Cloudy			.536	5	[illegible]	[illegible]
	6	76.0	28.978	.133	28.845	29.75	70.3	59.8	53	54	.402	78.0	65.5	SW	13	38	SW	.06	FEW	St Cu	W	Clear			[illegible]	6	[illegible]	[illegible]
	7	72.0	28.991	.123	28.868	29.78	65.0	[illegible]	53	65	.402	67.0	64.3	W	14	39	SW	0	10	St Cu	W	Cloudy			.373	7	[illegible]	[illegible]
	8	74.0	29.054	.128	28.926	29.84	71.8	61.8	56	57	.448	74.6	60.4	W	8			0	3	St	W	Clear			.373	8	75	[illegible]
	9	71.0	28.932	.120	28.812	29.72	60.0	57.0	55	84	.432	65.0	58.8	NE	13			.62	10	St Cu	NW	Cloudy			.517	9	68	[illegible]
	10	73.5	29.106	.127	28.979	29.90	70.5	66.0	58	89	.482	76.3	61.0	E	3			0	4	Cu	NE	Pt Cloudy			[illegible]	10	[illegible]	[illegible]
	11	75.0	29.210	.132	29.078	30.[illegible]	72.8	[illegible]	62	69	[illegible]	76.5	[illegible]	S	[illegible]			0	2 / 3	6 St / St Cu	6?	Pt Cloudy			.465	11	[illegible]	[illegible]
	12	78.5	29.372	.141	29.231	30.13	80.0	[illegible]	69	68	[illegible]	83.5	[illegible]	S	[illegible]			T	FEW	6 St	SW	Clear			.616	12	[illegible]	[illegible]
	13	77.0	29.304	.137	29.167	30.07	52.0	55.5	55	93	.422	83.1	[illegible]	NW	12	26	SW	.13	7 / 3	St Cu / St Cu	W / NW	Cloudy			.665	13	80	[illegible]
	14	70.0	29.242	.118	29.124	30.05	50.8	46.2	42	71	.266	65.1	50.8	NW	[illegible]			0	10	St Cu	NW	Cloudy			.334	14	[illegible]	[illegible]
	15	66.5	29.373	.109	29.264	30.20	51.0	46.5	42	72	[illegible]	55.5	[illegible]	N	8			T	4 / 2	6 St / St Cu	N / N	Pt Cloudy			.297	15	42	70
	16	68.0	29.474	.114	29.360	30.30	61.1	51.9	44	53	.257	65.3	47.6	S	7			0	3	6 St	NE	Clear			.256	16	[illegible]	[illegible]
	17	70.5	29.420	.121	29.299	30.23	70.6	59.0	51	50	.372	72.4	53.4	SW	5			0	1	6 Cu / St Cu	W / SW	Clear			.387	17	63	58
	18	74.0	29.212	.129	29.083	29.97	77.0	[illegible]	68	75	[illegible]	82.6	63.0	SW	7			0	4	6 St	SW	Pt Cloudy			.783	18	79	[illegible]
	19	75.5	29.104	.132	28.972	29.88	71.0	63.0	62	73	[illegible]	78.9	62.5	[illegible]	[illegible]	20	N	.17	4	St Cu	W	Pt Cloudy			[illegible]	19	[illegible]	[illegible]
	20	76.0	29.218	.134	29.084	30.00	71.8	[illegible]	52	50	.387	76.7	[illegible]	N	5			0	2	6	[illegible]	Clear			.347	20	[illegible]	[illegible]
	21	76.5	29.230	.135	29.095	30.01	76.0	64.0	57	52	.465	80.0	62.8	SW	5			.14	3 / 3	6 St / St	W / W	Pt Cloudy			[illegible]	21	[illegible]	[illegible]
	22	77.0	29.283	.137	29.146	30.07	66.0	[illegible]	64	93	[illegible]	82.8	66.0	NE	4			.32	5 / 1 / 3	6 St / St Cu / St	NW / W / W	Cloudy			.575	22	81	[illegible]
	23	78.0	29.140	.139	29.001	29.91	72.0	67.6	62	71	[illegible]	83.2	67.4	NW	12	25	SW	T	5	6 St / St Cu	W / NW	Cloudy			[illegible]	23	79	71
	24	77.5	29.350	.138	29.212	30.13	64.6	60.2	58	78	.482	67.8	57.6	N	3			0	3 / [illegible]	6 / St	NW / N	Pt Cloudy			.482	24	69	[illegible]
	25	75.0	29.314	.132	29.182	30.25	67.6	65.1	63	79	.575	76.3	61.2	S	5			.13	7 / 2	6 Cu / St Cu	S / S	Cloudy			.575	25	[illegible]	[illegible]
	26	77.0	29.245	.137	29.108	30.07	73.2	69.1	67	82	.661	88.3	[illegible]	SE	[illegible]	26	SW	.33	3 / [illegible]	6 St / St	NW / [illegible]	Cloudy			.757	26	[illegible]	[illegible]
	27	78.0	29.291	.140	29.151	30.05	77.3	65.8	59	54	[illegible]	81.4	67.2	N	2			0	5	St Cu	NW	Pt Cloudy			.482	27	78	
	28	77.0	29.046	.136	28.910	29.83	68.0	67.0	62	[illegible]	.661	78.0	67.7	S	12			.10	2 / 5	6 St / St Cu	W / W	Pt Cloudy			.616	28	74	[illegible]
	29	77.0	29.271	.137	29.134	30.05	71.7	61.7	56	57	.448	76.2	60.0	NW	8			0	3	St Cu	W	Clear			.432	29	[illegible]	56
	30	76.0	29.288	.134	29.154	30.06	74.5	69.0	66	76	.638	80.0	64.8	N	3			T	10	St	N	Cloudy Rain			.448	30	[illegible]	[illegible]
	31																									31		
	Sums	(a)	(a)		872.536	900.07	2047	1848.3	1714	2098	14.28	(a)	(a)	(a)	223	(a)	(a)	2.22	180	(a)	(a)	(a)	0	0	14.020	(a)	2156	1544
	Means	(a)	(a)		29.085	30.002	68.2	61.6	57.1	69.9	.481	(a)	(a)	(c) SW	7.4	(a)	(a)	(a)	6.0	(c) St Cu	(c) W	(a)	(a)	(a)	.487	(a)	71.8	[illegible]

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1917

Date.	Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	69	60	9	3	64																0				0	0			1
2	76	51	25	0	64				R	5:35 am	6:20 am	R	9:12 pm	9:20 pm							.08				0	0	0	0	2
3	74	51	23	2	62																0				0	0	0	0	3
4	74	54	20	2	64				R	9:20 pm	9:30 pm	R	9:40 pm								.29				0	0	0	T	4
5	73	61	12	3	67				R	—	DNA	R	2:38 pm	3:15 pm	R	4:29 pm	5:25 pm	R	6:45 pm	9:30 pm	.24				0	0	0	0	5
6	78	62	16	3	70				R	DNA	DNA	R	6:20 am	6:30 am	R	12:18 pm	12:45 pm				.68				0	0	0	0	6
7	67	59	8	7	63																0				0	0	0	0	7
8	75	57	18	[illegible]	[illegible]				R	DNA	[illegible]										T				0	[illegible]			8
9	65	58	7	4	62				R	8:45 [illegible]	6:10 pm	R	7:20 pm	9:45 pm							[illegible]				0	0	0	[illegible]	9
10	76	58	18	5	67																0				0	0	0	0	10
11	76	56	20	1	66																0				0	0	0	0	11
12	84	61	23	6	72				R	8:50 am	8:63 am	R	9:55 am	10:05 am							T				0	0	0	0	12
13	83	52	31	4	[illegible]				R	2:35 pm	3:10 pm	R	3:36 pm	6:20 pm	R	6:50 pm	7:[illegible] pm				[illegible]				0	0	0	[illegible]	13
14	65	49	16	11	57																0				0	0	0	0	14
15	56	44	12	7	50				R	11:55 am	12:10 pm										T				0	0	0	0	15
16	65	40	25	2	52																0				0	0	0	0	16
17	72	48	24	8	60																0				0	0	0	0	17
18	83	56	27	10	70																0				0	0	0	0	18
19	79	59	20	1	69				R	3:23 pm	4:15 pm										.17				0	0	0	0	19
20	77	55	22	3	66																0				0	0	0	0	20
21	80	57	23	2	68				R	12:05 pm	12:25 pm	R	4:05 pm	4:13 pm	R	8:25 pm	8:50 pm				.17				0	0	0	0	21
22	83	63	20	5	73				R	4:05 pm	4:15 pm	R	4:38 pm	6:20 pm	R	8:55 pm					[illegible]			0	0	0	0	22
23	83	59	24	2	71				R	—	6:00 am	R	5:24 pm	5:30 pm							1.27				0	0	0	0	23
24	68	57	11	9	62																0				0	0	0	0	24
25	76	54	22	3	65				R	2:25 pm	4:15 pm										.13				0	0	0	0	25
26	89	68	21	13	78				R	1:10 pm	3:45 pm										.33				0	0	0	0	26
27	81	65	16	5	73																0				0	0	0	0	27
28	78	66	12	1	72				R	DNA	DNA	R	7:04 am	10:10 am	R	2:05 pm	3:40 pm	R	5:39 pm	6:25 p	.13				0	0	0	0	28
29	76	58	18	5	67															R 7:25 p	10:00 p				0	0	0	0	29
30	80	57 56	23 24	1	68				R	1:55 p	2:05 p	R	6:25 p	6:50 p	R	7:00 p	7:15 p				.01				0	0	0	0	30
31																													31
S	2261	1695	566	131	1976		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	463		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	754	565	189	44	659	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. ††T indicates trace of precipitation. ‡‡Enter the local standard time of observation. *Inches and tenths.

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SUMMARY FOR THE MONTH OF June, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.119	29.085	29.102	29.433	17	28.740	6	.693	30.039	30.002	30.020	30.37	17	29.64	6	.73
Corrected mean		29.098						Corrected mean		30.016	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
61.6	68.2	64.9	58.6	61.6	60.1	75.4	56.5	66.0				89	26	40	16	49	31	13	7	9

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
56.6	57.1	56.8	84.0	69.9	77.0	.469	.481	.475	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6511	9.0	SW	39	W	2	7	3	6	2	12	17	6	6	1

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.4	6.0	6.2	53	5	13	12	0	6	8

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
16	None	None	5, 6, 13, 14, 21, 22, 23, 26, 28, 30	None	None	None	None	None	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.63	1.64	22-23	None			1.00	1 00	23	3	14	13	6	1	17	0	0	0	0

(w) Maximum precipitation in 5 minutes .44, date 6; 10 minutes .54, date 6; 15 minutes .57, date 6; 30 minutes .58, date 6; 1 hour 1.00, date 23; 2 hours 1.20, date 23.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
6	DNa	DNa	.062	440am	452am	.04	.40	.53	.57											
22-23	855p.	---																		
23	---	6 am	1.32	3:50am	450am	.11	.07	.23	.38	.43	.45	.50	.57	.68	.76	.84	1.00			

* The duration is the time precipitation was actually recorded.

S—154

Prepared by C. O. Schick, C. M. Rowe, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
2"	12 Noon	[illegible]	70.0	28.991	.118	28.873	[illegible]	[illegible]	[illegible]	62	9	72	[illegible]	S	19	20	S	0	[illegible]	[illegible]		Cloudy	Ordered by C.B.	[illegible]	[illegible]
6"	12 Noon	[illegible]	72.3	28.906	.124	28.782	29.[illegible]5	76.7	71.0	68	9	76	76.7	S	15	22	SW	0	9	Nbu	SW	Cloudy	Ordered by C.B.	[illegible]	[illegible]
9"	12 Noon	11:00 am	71.0	28.964	.120	28.844	29.75	64.0	63.0	62	2	95	64.0	SE	5			.13	10	Nb	SE	Light Rain	Ordered by C.B.	[illegible]	[illegible]
13"	3:00 pm	2:00 pm	79.0	29.253	.142	29.[illegible]	[illegible]	82.3	7[illegible]	69	13	64	83.1	SW	24	26	SW	0	9	Stcu	W	Cloudy	Ordered by C.B.	[illegible]	[illegible]
6"	1 pm	12 noon				28.740	29.64	78.0																	6"

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, 1917

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, 15063 from the 25th; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 AM, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry and Calhoun street, room 911-912; first observation taken in present office, Jan 9 m. May 20, 191

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.52 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg.ther's. Max. (b)	Self-reg.ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.0	29.132	-.134	28.998	29.90	73.0	65.0	61	65	.536	74.5	69.5	SW	14			.01	4 Few	Ci St St Cu	SW SW	Pt Cloudy			1
2	76.0	29.207	-.134	29.073	29.95	63.1	57.3	58	69	[illegible]	75.2	62.6	W	10			0	Few	St Cu	W	Clear			2
3	75.0	29.197	-.132	29.065	29.98	60.0	54.0	48	53	.277	71.4	53.9	N	3			0	0	0	0	Clear			3
4	73.5	29.321	-.128	29.193	30.11	58.2	53.2	49	72	.347	65.9	50.6	N	3			0	0	0	0	Clear			4
5	75.0	29.367	-.132	29.235	30.16	63.0	57.7	54	73	.417	71.2	55.8	E	2			0	0	0	0	Clear			5
6	75.0	29.255	-.132	29.123	30.03	61.0	56.3	54	78	.419	74.6	55.7	[illegible]	[illegible]			0	7	Ci St	NW	Pt Cloudy			6
7	75.0	29.126	-.132	28.994	29.90	68.1	66.6	66	93	.63[illegible]	69.0	64.8	SW	9	27	S	.23	6	St Cu	SW	Pt Cloudy			7
8	76.0	29.263	-.134	29.129	30.04	65.1	62.8	62	88	.555	72.0	62.[illegible]	N	13			0	8	St Cu	NE	Cloudy			8
9	78.0	29.155	-.139	29.016	29.92	68.6	64.7	63	81	.575	79.5	63.0	W	4			0	2	St Cu	W	Clear			9
10	78.0	29.114	-.139	28.975	29.90	56.6	54.3	53	86	.402	73.3	56.0	NW	12			0	10	St Cu	NW	Cloudy			10
11	74.0	29.036	-.128	28.908	29.83	57.5	55.0	54	86	.417	63.6	50.0	W	8			0	3 2	Ci Ci Cu	W W	Pt Cloudy			11
12	71.0	28.864	-.119	28.745	29.65	60.8	59.8	59	94	.499	60.8	57.5	W	[illegible]			.30	10 LT	ST FOG	W W	Cloudy			12
13	70.5	29.008	-.119	28.889	29.80	62.0	59.5	55	77	.482	70.0	59.4	SW	12			0	10	St Cu	W	Cloudy			13
14	78.5	29.050	-.127	28.923	29.83	64.0	62.0	61	90	.536	70.6	61.4	SW	5			.29	7 2	Ci St. St.	W SW	Cloudy		P.M.D.	14
15	73.5	29.168	-.128	29.040	29.95	64.6	63.0	62	92	.556	74.0	60.9	SW	8			0	Few	St	SW	Clear		P.M.D.	15
16	76.0	29.222	-.134	29.088	30.00	65.0	62.0	60	85	.517	76.4	62.3	N	4			.10	2 6	Ci St. St. Cu.	W NW	Cloudy		P.M.D.	16
17	73.5	29.200	-.128	29.072	29.99	63.0	62.0	61	95	.536	69.2	59.3	SW	6			T	10	St.	SW	Cloudy		P.M.D.	17
18	73.0	29.262	-.126	29.136	30.06	62.6	58.2	56	77	.448	67.0	57.0	W	6			0	Few	St.	W	Clear		P.M.D.	18
19	73.5	29.310	-.128	29.182	30.10	66.0	63.0	61	85	.536	72.2	60.4	SW	8			0	0	0	0	Clear		P.M.D.	19
20	75.0	29.330	-.132	29.198	30.12	69.2	64.1	61	76	.536	75.2	63.9	SW	6			0	0	0	0	Clear		P.M.D.	20
21	79.5	29.288	-.144	29.144	30.05	71.4	67.8	66	84	.638	81.0	67.9	S	5			0	3	Ci St.	W	Clear		P.M.D.	21
22	81.0	29.270	-.148	29.122	30.03	70.0	67.0	66	86	.638	78.8	66.0	SW	6			0	2	Ci St.	W	Clear		P.M.D.	22
23	83.5	29.200	-.154	29.046	29.94	75.0	70.0	68	78	.684	84.0	68.4	NE	3			0	6	Ci.	NW	Pt. Cloudy		P.M.D.	23
24	83.0	29.242	-.152	29.090	30.00	70.6	69.4	69	94	.707	74.0	69.3	E	6			0	10	St.	E	Cloudy		P.M.D.	24
25	82.5	29.372	-.152	29.220	30.13	71.0	70.0	70	95	.732	77.2	69.0	E	5			0	6 Lt	St Cu. Haze	E —	Pt. Cloudy		P.M.D.	25
26	82.0	29.330	-.150	29.180	30.09	72.8	70.2	69	88	.707	76.8	69.0	SW	9			0	Few	St	SW	Clear		P.M.D.	26
27	81.0	29.260	-.148	29.112	30.02	71.0	70.5	70	98	.732	74.5	68.0	SW	2			.02	3 Lt.	St Fog	SW SW	Clear		P.M.D.	27
28	82.0	29.332	-.156	29.182	30.09	68.7	60.2	55	61	.432	81.0	62.2	SE	5			0	0	0	0	Clear		P.M.D.	28
29	83.5	29.274	-.154	29.120	30.02	76.0	73.0	72	87	.785	86.0	72.[illegible]	SW	12			0	3	Ci St.	NW	Clear		P.M.D.	29
30	86.0	29.242	-.160	29.082	29.97	78.9	73.9	72	79	.783	87.0	75.8	SW	14			0	0	0	0	Clear		P.M.D.	30
31	88.0	29.244	-.165	29.079	29.97	79.0	75.0	73	83	.810	88.5	74.4	SW	9			0	0	0	0	Clear		P.M.D.	31
Sums		(a)	(a)	901.359	929.56	2075.8	1962.7	1898	2548	17224	(a)	(a)	(a)	218	(a)	(a)	24.5	122	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.076	29.986	67.0	63.3	61.2	82.2	.556	(a)	(a)	(c) S.W.	7.0	(a)	(a)	(a)	3.9	(c) St.Cu.	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1917

Number of Station barometer, 6 5 6; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of Observer.	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor pressure at 90th mer. time	Date.	Noon 90th mer. time. Dry thermometer	Noon 90th mer. time. Relative humidity
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
LCAS	1	79.0	29.140	-.142	28.998	29.90	75.2	72.0	71	85	.757	83.5	73.0	SW	12	27	SW	T	3	St Cu	W	Clear			.616	1	81	[illegible]
PMcD	2	78.0	29.146	-.139	29.007	29.93	71.4	59.4	51	49	.323	75.0	63.1	W	6			0	2	Cu	W	Clear			.387	2	72	[illegible]
PMcD	3	76.0	29.212	-.134	29.078	30.02	65.9	56.8	51	57	.323	72.2	60.0	N	8			0	7	St Cu	NW	Pt Cloudy			.256	3	69	56
LCAS	4	77.5	29.306	-.138	29.165	30.09	71.2	59.3	51	49	.323	75.0	58.2	NE	4			0	2	Ci St	?					4		
																			2	St Cu	SW	Pt Cloudy			.347		68	51
PMcD	5	78.5	29.280	-.141	29.139	30.05	74.6	61.4	53	47	.402	76.7	63.0	E	5			0	2	Ci St	W					5		
																			1	St	E	Clear			.322		75	58
PMcD	6	76.5	29.150	-.135	29.015	29.94	69.0	65.5	63	81	.535	81.6	61.5	NW	8	31	SW	.31	10	Nb	SW	St. Rain			.575	6	78	60
PMcD	7	78.5	29.172	-.141	29.031	29.94	72.0	67.0	65	78	.616	75.6	68.1	NW	8			0	2	St Cu	NW	Clear			.595	7	76	67
LCAS	8	80.0	29.192	-.145	29.047	29.96	78.5	68.0	62	56	.555	82.1	65.1	NE	[illegible]			0	4	Ci St	NE					8		
																			1	St Cu	E	Pt Cloudy			.555		76	63
PMcD	9	81.5	29.103	-.148	28.955	29.87	73.3	67.3	64	73	.595	85.6	59.4	NW	9	27	NW	.85	2	St Cu	NW	Clear			.616	9	83	56
PMcD	10	78.0	29.090	-.139	28.951	29.87	63.6	58.0	54	72	.417	69.6	56.6	NW	9			0	FEW	Ci Cu	W					10		
																			1	St	NW	Clear			.482		64	79
PMcD	11	73.5	28.892	-.127	28.765	29.67	59.8	58.3	58	92	.482	69.0	57.5	E	5			.24	10	Nb	[illegible]	Showers	B 5:30 A E [illegible]		.489	11	[illegible]	[illegible]
PMcD	12	74.5	28.980	-.129	28.851	29.[illegible]	70.0	60.[illegible]	53	57	.402	71.2	58.2	W	4			0	FEW	Ci St	[illegible]	Clear			.499	12	63	76
PMcD	13	74.0	29.008	-.128	28.880	29.79	70.6	66.0	63	79	.575	73.2	61.4	S	5			.19	1	St Cu	W					13	[illegible]	
																			3	St Cu	SW	Pt. Cloudy			.536			
LOSB	14	75.0	29.132	-.132	29.000	29.91	74.0	65.0	60	62	.517	77.0	64.0	NW	5			0	6	Ci St	SW					14	74	[illegible]
																			2	St Cu	NW	Cloudy			.616			
LOSB	15	76.0	29.191	-.134	29.057	29.97	76.4	65.8	60	57	.517	80.8	64.6	SW	1			T	5	Cu	NW	Pt. Cloudy			.465	15	79	47
LOSB	16	74.5	29.190	-.130	29.064	29.98	69.2	66.0	64	85	.595	72.5	64.5	E	5			.29	1	Ci St	W					16	69	95
																			2	St	E	Cloudy			.684			
LOSB	17	74.0	29.194	-.129	29.065	29.98	67.0	63.0	61	80	.536	75.6	63.0	SW	6			0	1	Cu	SW					17		
																			2	St	SW	Clear			.555		73	69
LOSB	18	74.5	29.241	-.130	29.111	30.03	72.2	64.0	60	64	.517	77.0	62.6	W	2			.01	4	Ci St	W					18	74	54
																			4	St	W	Cloudy			.448			
LOSB	19	77.0	29.289	-.137	29.152	30.06	75.2	64.2	58	55	.482	82.2	66.0	S	6			T	1	Ci St	W					19	81	[illegible]
																			5	Cu	S	Pt Cloudy			.482			
LOSB	20	81.5	29.274	-.149	29.125	30.03	81.0	71.0	66	62	.638	86.5	69.2	S	7			0	1	Ci St	W					20	84	[illegible]
																			1	Cu	SW							
																			1	St	SW	Clear			.575			
LOSB	21	83.0	29.258	-.153	29.105	30.01	78.8	69.6	65	63	.616	89.0	71.4	S	4			0	6	Ci St	NW					21	88	44
																			1	St Cu	W	Pt. Cloudy			.536			
LOSB	22	84.0	29.212	-.155	29.057	29.97	84.0	70.8	65	52	.616	87.8	70.0	S	3			0	3	Ci St	NW					22	84	53
																			5	St Cu	NW	Cloudy			.616			
LOSB	23	82.5	29.192	-.151	29.041	29.94	74.0	68.5	66	76	.638	87.5	73.8	NE	7			.01	3	Ci St	W					23	80	48
																			2	St	NE	Pt. Cloudy			.595			
LOSB	24	83.0	29.260	-.153	29.107	30.02	77.2	72.8	71	81	.757	88.6	65.8	NE	8	28	SE	.50	3	Ci St	SW					24	85	60
																			2	St	NE	Pt. Cloudy			.707			
LOSB	25	82.0	29.330	-.150	29.180	30.09	76.8	70.3	68	73	.684	87.0	71.0	NE	2			0	3	Ci St	W					25	84	67
																			6	St	NE	Cloudy			.838			
LOSB	26	87.0	29.250	-.150	29.100	30.01	74.5	73.3	73	94	.810	86.0	72.8	N	3			.12	8	Nb	N	Lt. rain			.707	26	85	
LOSB	27	83.5	29.266	-.154	29.112	30.02	81.0	69.6	64	56	.595	90.2	71.0	NE	8			0	1	A. St.	W					27	87	[illegible]
																			2	St	NE	Clear	B 6:20 a E 7:10 a	B 10 N. a E [illegible]				
LOSB	28	85.0	29.232	-.158	29.074	29.98	85.0	75.0	71	63	.757	89.0	68.7	S	6			[illegible]	3	Ci St	NW					28	88	
																			3	St	S	Pt. Cloudy			.517			
LOSB	29	88.0	29.194	-.165	29.029	29.92	87.0	73.4	68	53	.684	92.4	76.0	SW	12			0	Few	Ci St	NW	Clear			.783	29	90	56
LOSB	30	94.0	29.184	.181	29.003	29.89	88.5	76.0	71	57	.757	94.8	78.9	SW	10			0	0	0	0	Clear			[illegible]	30	91	48
LOSB	31	95.0	29.190	-.184	29.006	29.90	88.5	74.0	68	51	.684	95.4	79.0	SW	12			0	Few	Cu	SW	Clear			[illegible]	31	93	46
Sums		(a)	(a)	(a)	900.[illegible]	928.48	2326.4	2071.0	1938	2012	17895	(a)	(a)	(a)	191	(a)	(a)	2.51	146	(a)	(a)	(a)	2		17[illegible]	(a)	2433	1817
Means		(a)	(a)	(a)	29.[illegible]	29.951	75.0	66.8	62.5	66.5	57.7	(a)	(a)	(c) NE S SW	6.2	(a)	(a)	(a)	4.7	(c) Ci St	(c) W	(a)	(a)	(a)	5[illegible].8	(a)	78.5	58.4

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1917

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. p.m. to p.m. *‡‡	Snow unmelted. p.m. to p.m. *‡‡	Hail, sleet, and snow on ground at p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	84	69	15	8	76				R	3:11 pm	3:35 pm										T				0	0	0	0	1
2	75	61	14	2	68																0				0	0	0	0	2
3	72	54	18	5	63																0				0	0	0	0	3
4	75	51	24	0	63																0				0	0	0	0	4
5	77	56	21	3	66																0				0	0	0	0	5
6	82	56	26	3	69				R	2:48 pm	7:20 pm	R	9:28 pm	—							.16								6
7	76	63	13	1	70				R	—	[illegible]										.42				0	0	0	0	7
8	82	62	20	2	72																0				0	0	0	0	8
9	86	59	27	0	72				R	2:47 pm	2:56 pm	R	2:56 pm	3:05 pm	R	3:05 pm	3:24 pm				.87				0.5	0	0	0	9
10	70	53	17	10	62																0				0	0	0	0	10
11	64	50	19	2	60				R	11:05 am	11:[illegible]	R	2:00 pm	10:45 pm							.54				0	0	0	0	11
12	71	58	13	4	64																0				0	0	0	0	12
13	73	59	14	2	66				R	8:25 am	11:20 am	R	11:30 p	—							.48				0	0	0	0	13
14	77	61	16	3	69				R	—	11:25 a										T				0	0	0	0	14
15	81	61	20	2	71				R	1:47 p	1:52 p	R	4:30 p	4:50 p	~~R~~	~~4:30 p~~	~~4:50 p~~	R	7:25 p	7:50 p	.10				0	0	0	0	15
16	77	62	10	4	67				R	8:40 am	10:50 a										.29				0	0	0	0	16
17	76	59	17	1	68				R	H.N. a	H.N. a										T				0	0	0	0	17
18	77	57	20	1	67				R	2:25 p	3:10 p										.01				0	0	0	0	18
19	82	60	22	4	71				R	4:15 p	4:25 p										T				0	0	0	0	19
20	86	64	22	4	75																0				0	0	0	0	20
21	89	68	21	3	78																0				0	0	0	0	21
22	88	66	22	1	77																0				0	0	0	0	22
23	88	68	20	1	78				R	3:05 p	3:25 p										.01				0	0	0	0	23
24	89	66	23	0	78				R	2:35 p	5:45 p										.50				0	0	0	0	24
25	87	69	18	0	78																0				0	0	0	0	25
26	86	69	17	0	78				R	2:35 p	4:10 p	R	5:45 p	7:45 p							.14				0	0	0	0	26
27	90	67	23	0	78																0				0	0	0	0	27
28	89	62	27	2	76																0				0	0	0	0	28
29	92	73	19	6	82																0				0	0	0	0	29
30	95	76	19	4	86																0				0	0	0	0	30
31	95	74	21	2	84																0				0	0	0	0	31
S	2531	1933	598	86	2232		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.98		Total excess or deficiency since January 1,		0.5	0	(a)	(a)	(a)
M	81.6	62.4	19.3	2.8	72.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF July, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.076	29.041	29.058	29.250	5"	28.710	12"	0.540	29.986	29.95	29.968	30.17	5"	29.62	12"	0.55
Corrected mean		29.055						Corrected mean		29.965	3,500-ft			10,000-ft	

TEMPERATURE.

Mean.																			
Dry.			Wet.			Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															
67.0	75.0	71.0	63.3	66.8	65.0	81.6	62.4	72.0	–	–	–	95	31	50	11	45	27	28	10	16

Dew-point.			Relative Humidity.			Vapor Pressure.			Number of days with—(j)			
									Maximum.		Minimum.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.
61.2	62.5	61.8	82.2	66.5	74.4	.556	.577	.566	0	4	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5645	7.6	S.W.	31	S.W.	6	6	7	7	1	7	20	8	6	0

WEATHER.

Mean Cloudiness.			Sunshine.	Number of Days.			Number of Days with Precipitation (Mid. to Mid.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.9	4.7	4.7	65	9	18	4	0	8	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts.			Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog.		Haze.		Smoke.		Hail.	Aurora.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		
None	None	None	6, 7, 9, 11, 13, 14, 15, 17, 18, 19, 24, 26	None	0	0	12, 25	27	25	0	0	0	9	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours.		Excessive.						Number of days with—(Mid. to Mid.).								Snow.	
			2.50 Inches in 24 Hours. (l) *			1 Inch per Hour. (l)									Snow.			
	Amt.	Date. (k)	Amt.	Duration. h. m.	Date. (k)	Amt.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.	Total Depth. (o)	Average depth at end of month.
4.98	2.04	6-7"		None			None		4	11	9	7	1	15	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.32, date 9"; 10 minutes 0.58, date 9"; 15 minutes 0.84, date 9";
30 minutes 0.87, date 9"; 1 hour 0.87, date 9"; 2 hours 0.87, date 9".

EXCESSIVE.

Date.	Total Duration.		Total amount of precipitation.	Excessive Rate.		Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
July 6	9:25 p			9:28 p	9:44 p	.01	.23	.33	.50	.52										
July 7		D.N a	1.70																	
July 9	2:47 p	3:21 p	0.87	2:55 p	3:12 p	.02	.24	.50	.53	.85										
* July 24	2:35 p	5:45 p	0.50	2:38 p	3:02 p	.01	(.14	.14	.25	.37	.46)*									

* Determined from defective automatic record

* The duration is the time precipitation was actually recorded.

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Prepared by C. M. Donoghue

C. M. Donoghue, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Special observations. Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
5th	9 00 am	8 00 am				29.250	30.17	70.0																	5th
12th	3 00 am	2 00 am				28.710	29.62	59.0																	12th

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, *1917*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.17; date and observation upon which use of station barometer commenced, May 20, 1911 7 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 1 911-12; first observation taken in present office, 7 a. m. May 20, 191

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1917

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	88.0	29.210	-.165	29.045	29.93	80.0	74.2	72	77	.783	88.5	76.0	SW	12			0	1	bu.	SW	Clear		[illegible]	1
2	86.5	29.356	-.162	29.188	30.10	70.0	63.2	59	69	.499	78.0	67.0	NW	6			T	1	St.	NW	Clear		[illegible]	2
3	82.5	29.378	-.152	29.226	30.14	70.4	62.4	57	64	.465	77.4	66.4	N	3			0	1	S.St.	W	Clear		[illegible]	3
4	81.0	29.376	-.148	29.228	30.15	64.4	59.9	57	77	.465	78.0	61.3	E	8			0	3	bu.	NW	Clear		[illegible]	4
5	81.0	29.300	-.148	29.152	30.06	71.0	65.3	63	74	.555	80.8	66.4	SW	11			0	3	bi.St.	NW	Clear		P.M.[illegible]	5
6	81.0	29.392	-.148	29.244	30.16	69.0	66.4	65	88	.616	72.3	65.9	N	2			.08	4	C.St.	W	Cloudy		[illegible]	6
7	79.0	29.340	-.142	29.198	30.12	67.4	63.3	61	80	.536	76.5	66.0	E	13			0	5	St.	N	Pt. Cloudy		[illegible]	7
8	78.5	29.243	-.141	29.102	30.01	69.8	67.4	66	88	.638	78.2	68.7	SW	10			0	4	bi. fog.	W			[illegible]	8
9	77.5	29.266	-.138	29.128	30.05	58.4	56.4	55	89	.432	66.5	56.0	N	3			T	10	St.	SW	Cloudy		[illegible]	9
10	75.0	29.242	-.132	29.110	30.03	60.3	57.8	56	86	.448	68.0	56.0	NW	2			0	9	St.bu.	NW	Cloudy		P.M.[illegible]	10
11	75.0	29.304	-.132	29.172	30.09	63.5	55.5	50	60	.360	71.2	54.4	N	2			0	0	0	0	Clear		[illegible]	11
12	76.0	29.342	-.134	29.208	30.13	61.2	56.2	52	74	.387	75.5	58.8	E	3			0	0	0	0	Clear		[illegible]	12
13	78.0	29.256	-.140	29.116	30.03	67.0	61.1	57	71	.465	79.0	64.6	S	6			0	7	St.bu.	E	Pt. Cloudy		[illegible]	13
14	75.0	29.283	-.132	29.151	30.07	61.6	61.1	61	97	.536	68.4	60.4	SW	4			.01	4	St. cu.	SW	Cloudy		[illegible]	14
15	76.5	29.322	-.136	29.186	30.11	62.0	60.0	59	89	.499	75.6	60.0	NW	1			0	10	St.	SW	Cloudy		[illegible]	15
16	76.5	29.278	-.136	29.142	30.05	66.0	61.4	59	78	.499	77.1	61.8	W	3			0	0	0	0	Clear		[illegible]	16
17	79.0	29.312	-.142	29.170	30.09	60.6	57.2	55	82	.432	79.0	58.8	N	6			0	Few	bu.	W	Clear		[illegible]	17
18	77.5	29.342	-.138	29.204	30.12	61.0	56.5	53	76	.402	71.5	55.9	N	2			0	0	0	0	Clear		[illegible]	18
19	78.0	29.300	-.140	29.160	30.08	66.0	60.0	56	71	.448	77.3	61.6	S	2			0	Few	St.	N	Clear		P.M.[illegible]	19
20	80.0	29.184	-.145	29.039	29.94	64.0	61.0	56	64	.448	81.8	65.7	SW	7			0	0	0	0	Clear		[illegible]	20
21	79.0	29.190	-.142	29.048	29.96	66.0	64.1	63	90	.575	78.2	66.0	NE	10			0	2	bi.St.	W	Clear		[illegible]	21
22	77.5	29.144	-.138	29.006	29.92	67.3	66.1	65	94	.616	72.2	66.2	NE	6			.01	4	bi.St.	NW	Cloudy		[illegible]	22
23	77.0	28.956	-.136	28.820	29.72	66.3	65.8	65	97	.616	73.0	65.9	E	1			T	5	St.	NE	Fog & Cloudy		[illegible]	23
24	75.0	28.872	-.130	28.742	29.64	61.9	58.2	56	80	.448	68.5	57.6	SW	10			0	9	St.bu.	NW	Pt. Cloudy		[illegible]	24
25	70.0	29.144	-.118	29.026	29.96	52.0	51.0	50	94	.360	60.4	50.0	W	9			.01	1	St.	SW	Clear		[illegible]	25
26	69.0	29.326	-.116	29.210	30.13	59.0	54.0	50	73	.360	64.1	55.9	SW	8			0	1	bi.St.	W	Clear		P.M.[illegible]	26
27	72.5	29.312	-.125	29.187	30.11	64.0	57.0	52	66	.387	76.5	60.0	S	12			0	10	Nb.	N	[illegible]			27
28	75.0	29.266	-.132	29.134	30.04	64.2	63.7	63	97	.575	76.2	63.9	N	3	26	[illegible]	1.34	10	Nb.	E	Lt. rain		P.M.[illegible]	28
29	71.0	29.330	-.121	29.209	30.13	55.3	54.8	54	97	.417	61.0	55.3	E	5			.14	0	0	0	Clear			29
30	68.5	29.367	-.115	29.252	30.18	56.0	53.4	52	84	.37	60.2	53.0	N	3			0	0	0	0	Clear		[illegible]	30
31	69.5	29.407	-.118	29.289	30.22	56.2	53.1	51	82	.373	66.3	53.0	NE	6			0	0	0	0	Clear		P.M.[illegible]	31
Sums		(a)	(a)	903.092	931.47	1986.8	1867.5	1790	2508	15.027	(a)	(a)	(a)	179	(a)	(a)	1.59	114	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.132	30.047	64.1	60.2	57.7	80.9	.485	(a)	(a)	(c) N	5.8	(a)	(a)	(a)	3.7	(c) St.	(c) N.W.	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1917

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of Observer	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor pressure at ~~Initials~~ of observer. 12 noon 90th MT	Date.	Observation taken at 12 noon 90th MT. Dry thermometer	Observation taken at 12 noon 90th MT. Relative humidity
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
W.S.B.	1	92.0	29.222	-.176	29.046	29.94	78.0	72.5	70	77	.732	94.8	76.3	NW	8			T	5	Bl.St.	W	Pt. Cloudy			.707	1	93	46
W.S.B.	2	85.0	29.333	-.158	29.175	30.09	77.4	61.0	50	38	.360	82.5	70.0	NW	4			0	1	St.	NW	Clear			.387	2	77	42
W.S.B.	3	86.0	29.332	-.161	29.171	30.08	78.0	64.5	57	48	.465	84.4	70.4	N	8			0	1	Bl.St.	NW	Clear			[illegible]	3	87	42
W.S.B.	4	83.0	29.276	-.153	29.123	30.03	80.8	69.3	64	56	.595	85.3	64.4	E	5			0	2	Cu.	W				[illegible]	4		
S.M.W.	5	82.0	29.262	-.150	29.112	30.02	72.0	66.5	64	75	.595	94.0	65.0	E	5	48	SW	.99	4	Bl.St.	NW	Pt. Cloudy			[illegible]	5	92	33
W.S.B.	6	86.0	29.358	-.161	29.197	30.11	76.5	65.0	58	54	.482	80.5	69.0	NE	4			0	6	St. Cu.	E	Cloudy			.448	6	78	46
W.S.B.	7	81.0	29.159	-.147	29.012	29.91	78.2	70.1	66	67	.638	86.0	67.4	S	9			T	3	Bl.St.	W	Cloudy			[illegible]	7	82	55
W.S.B.	8	80.0	29.272	-.145	29.127	30.04	66.5	59.6	55	67	.432	80.8	66.5	NW	12			0	1	Bl.St.	W	Pt. Cloudy			[illegible]	8	78	68
W.S.B.	9	76.5	29.224	-.135	29.089	30.01	68.0	60.6	56	65	.448	72.8	58.4	W	8			0	3	St. Cu.	NW	Pt. Cloudy			.373	9	68	55
W.S.B.	10	80.0	29.226	-.145	29.081	30.00	71.2	57.7	47	43	.322	76.4	60.3	NW	6			0	4	St.	W	Clear			.373	10	73	41
W.S.B.	11	79.0	29.284	-.142	29.142	30.05	75.5	61.1	52	43	.387	81.8	63.5	NE	5			0	1	Bl.St.	NW	Clear			.310	11	[illegible]	[illegible]
W.S.B.	12	79.0	29.230	-.142	29.088	30.00	79.0	63.7	54	43	.417	86.6	61.2	S	6			0	1	St. Cu.	NE					12		
																			4	St. Cu.	SW							
																			4	St.	SW							
W.S.B.	13	78.5	29.204	-.141	29.063	29.98	67.5	67.5	68	100	.684	80.0	64.0	E	6	29	NW	1.60	9	Nb	E	Lt. Rain			[illegible]	13	77	50
W.S.B.	14	78.0	29.271	-.140	29.131	30.04	75.6	67.1	63	65	.575	81.8	61.6	W	4			0	3	Cu.	NW	Cloudy	B 6.35 a E 7.10 a		.517	14	86	57
																			5	St.	W							
W.S.B.	15	79.0	29.288	-.142	29.146	30.06	77.1	65.3	58	53	.482	81.2	62.0	N	2			0	1	Bl.St.	W	Pt. Cloudy			.437	15	76	[illegible]
																			3	St.	N							
W.S.B.	16	82.0	29.202	-.150	29.052	29.96	79.0	66.3	60	51	.517	86.0	66.0	NW	8			.01	2	Bl.St.	NW	Pt. Cloudy			[illegible]	16	84	44
																			4	St.	NW							
W.S.B.	17	79.0	29.278	-.142	29.136	30.06	71.5	59.1	51	48	.373	77.4	60.6	NW	8			0	0	0	0	Clear			.387	17	72	49
W.S.B.	18	82.0	29.284	-.150	29.134	30.04	77.3	58.8	45	31	.298	81.0	61.0	E	3			0	few	St	E	Clear			[illegible]	18	79	[illegible]
W.S.B.	19	81.0	29.168	-.147	29.021	29.92	81.8	63.2	51	34	.373	89.8	66.0	SW	4			0	4	St.	SW	Clouds			.360	19	85	30
																			4	St.	W							
W.S.B.	20	83.0	29.157	-.152	29.005	29.90	78.2	67.5	62	58	.555	90.0	69.0	SW	7			0	8	St.	SW	Cloudy			.536	20	8	[illegible]
W.S.B.	21	78.0	29.142	-.139	29.003	29.91	72.2	68.8	67	84	.661	74.8	66.0	NE	7			.01	10	St.	NE	Cloudy			.616	21	72	78
W.S.B.	22	78.0	29.039	-.138	28.901	29.81	73.0	67.7	65	77	.616	78.0	67.3	SE	5			0	1	Bl.St.	SW	Cloudy			.536	22	78	57
																			7	St.	SE							
W.S.B.	23	79.5	28.864	-.141	28.723	29.62	68.5	66.5	66	90	.638	83.4	65.0	SW	7			.11	2	Bl.St.	W	Pt. Cloudy	B 6.30 a E 3.45 p	B 6.35 a E [illegible]	.575	23	[illegible]	
																			5	St.	SW							
W.S.B.	24	72.0	28.964	-.123	28.841	29.75	60.4	54.1	49	66	.347	70.2	59.2	SW	15			T	10	St.	SW	Cloudy			[illegible]	24		
W.S.B.	25	72.0	29.254	-.124	29.130	30.05	64.1	53.2	44	48	.287	68.5	52.0	SW	6			0	few	St. Cu.	SW	Clear			[illegible]	25		
W.S.B.	26	77.5	29.330	-.138	29.192	30.11	76.5	62.0	52	44	.387	83.5	59.0	SW	7			0	0	0	0	Clear			.402	26	[illegible]	[illegible]
W.S.B.	27	75.0	29.240	-.132	29.108	30.02	76.2	63.5	56	49	.448	83.0	64.0	SW	14			0	[illegible]	[illegible]	[illegible]	[illegible]				27		
W.S.B.	28	73.0	29.276	-.126	29.150	30.07	61.0	59.8	59	93	.499	64.2	59.8	NE	5			.21	9	St.	SW	Cloudy			[illegible]	28		
W.S.B.	29	70.0	29.311	.119	29.192	30.11	60.2	57.7	56	86	.448	62.2	55.3	NE	4			.03	9	St. Cu.	SW	Cloudy			.387	29		
W.S.B.	30	74.0	29.394	-.136	29.264	30.19	66.3	56.1	48	52	.334	73.5	56.0	NW	5			0	2	St.	SW	Clear			[illegible]	30		
W.S.B.	31	72.5	29.304	-.125	29.179	30.10	70.2	65.8	63	79	.575	74.8	56.2	E	4			0	7	St.	SW	[illegible]			[illegible]	31	[illegible]	[illegible]
Sums		(a)	(a)		[illegible]	[illegible]	2257.7	1961.6	1776	1384	14.970	(a)	(a)	(a)	211	(a)	(a)	2.96	152	(a)	(a)	(a)	9	1	1.165	(a)	[illegible]	[illegible]
Means		(a)	(a)		[illegible]	[illegible]	[illegible]	55.3	57.3	[illegible]	[illegible]	(a)	(a)	(c) [illegible]	[illegible]	(a)	(a)	(a)	5.7	(c) St.	(c) SW	(a)	(a)	(a)	[illegible] (a)	(a)	[illegible]	[illegible]

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1917

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 4 p.m. to 7 p.m. *‡‡	Snow unmelted. 4 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Wednesday	95	73	22	0	84				R	3:33p	3:40p	R	8:30p	8:45p							T				0	0	0	0	1
2	82	67	15	10	74																				0	0	0	0	2
3	84	65	19	0	74																0				0	0	0	0	3
4	85	61	24	1	73																0				0	0	0	0	4
5	94	65	29	7	80				R	2:33p	2:58p	R	4:20p	5:30p	R	7:45p	9:15p				1.06				0	0	0	0	5
6	80	66	14	7	73				R	D.N. and											.01				0	0	0	0	6
7	86	66	20	3	76				R	5:18p	5:30p										T				0	0	0	0	7
8	81	58	23	6	70																0				0	0	0	0	8
9	73	55	18	6	64				R	6:15a	6:35a										T				0	0	0	0	9
10	76	56	20	2	66																0				0	0	0	0	10
11	82	54	28	2	68																0				0	0	0	0	11
12	87	59	28	5	73																0				0	0	0	0	12
13	80	64	16	1	72				R	5:35p	7:05p										[illegible]				0	0	0	0	13
14	82	60	22	1	71																0				0	0	0	0	14
15	81	60	21	1	70																0				0	0	0	0	15
16	86	62	24	4	74				R	1:50p	2:05p	R	3:15p	3:24p							.01				0	0	0	0	16
17	77	59	18	6	68																0				0	0	0	0	17
18	81	56	25	0	68																0				0	0	0	0	18
19	90	62	28	8	76																0				0	0	0	0	19
20	90	66	24	2	78																0				0	0	0	0	20
21	75	66	9	8	70				R	12:43p	1:50p	R	2:50p	3:05p	R	7:40p	7:50p	R	D.N.p.	D.N.p.	.02				0	0	0	0	21
22	78	66	12	2	72																0				0	0	0	0	22
23	84	62	22	1	73				R.	D.N.	D.N.	R	4:07p	5:05p							.11				0	0	0	0	23
24	70	55	15	11	62				R	3:15p	3:25p	R	5:25p	5:30p							T				0	0		0	24
25	68	50	18	3	59				R	D.N.	6:[illegible]										.01				0	0	0	0	25
26	84	56	28	11	70																0				0	0	0	0	26
27	83	60	23	2	72				R	10:40p	D.N.p.										.02				0	0	0	0	27
28	65	57	[illegible]	[illegible]	[illegible]				R	[illegible]	1:50p	R	5:16p	6:15p	R	7:50p	--				.55				0	0	0	0	28
29	62	55	7	4	58				R	---	9:00a										.15				0	0	0	0	29
30	74	53	21	6	64																0				0	0	0	0	30
31	75	53	22	0	64																0				0	0	0	0	31
S	2490	1869	621	130	2478		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.55		Total excess or deficiency since January 1,			(a)	(a)	(a)	(a)
M	803	603	200	42	703	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF August, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004.)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.152	29.088	29.110	29.310	31	28.690	23	0.620	30.044	29.999	30.023	30.214	31	29.58	23	[illegible]
Corrected mean		29.106						Corrected mean		30.019	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
64.1	72.8	68.4	60.7	63.3	61.8	80.3	60.3	70.3	-	-	-	95	1	50	25	45	29	5	6	5

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
57.7	57.3	57.5	80.9	60.8	70.8	.485	.483	.484	0	3	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5183	7.0	SW	48	SW	5	10	8	10	1	5	14	14	10	

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
37	59	47	75	14	13	4	2	5	3

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	5, 13, 23, 27	5	0	0	14, 23	23	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.55	1.61	13		None		1.38 1.00	0 36 0 38	13" 27	4	10	6	4	3	14	0	0		

(w) Maximum precipitation in 5 minutes .36, date 13"; 10 minutes .56, date 27"; 15 minutes .70, date 13"; 30 minutes 1.20, date 13"; 1 hour 1.59, date 13"; 2 hours 1.61, date 13".

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Aug. 5	2:33 pm	2:53 pm	.40	2:33 pm	2:43 pm	0	.22	.40	---	---	---									
Aug. 5	4:26 pm	5:30 pm	.59	~~4:35 pm~~ 4:36 pm	4:50 pm	~~.04~~ .09	~~.23~~ .11	~~.46~~ .36	~~.46~~ .47	~~.73~~	~~.85~~									
Aug. 13	5:35 pm	7:05 pm	1.61	5:39 pm	6:36 pm	.01	.16	.23	.47	.74	.93	1.11	1.37	1.39	1.40	1.48	1.59			
Aug. 27	10:40 p.	2 A.M.	1.02	10:45 p.	11:12 p.	.01	.20	.48	.68	.79	.92	.96								

* The duration is the time precipitation was actually recorded.

S—154

Prepared by C. M. Conover, C. M. Conover, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
23	50 4 PM.	50 3 PM.				28.690	29.58	80.0																	
31	9.00 AM	8.00 AM				29.810	30.24	6																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, *191*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a.m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry & Calhoun street, room 911-912; first observation taken in present office, 7:00 a. m. May 20, 191

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1917

Number of Station barometer, 6556; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO [illegible] A. M. [illegible] MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; [illegible] A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SW	[illegible]			0	2 4	St. Cu. St.	W SW	[illegible]		[illegible]	1
2	75.5	29.378	.134	29.244	30.15	68.0	65.8	65	89	.616	78.1	66.2	SW	6			0	Few	Cu.	W	Clear		[illegible]	2
3	76.0	29.430	-.135	29.295	30.23	60.0	56.8	55	83	.432	71.0	59.1	NE	6			0	9	St.	NE	Cloudy		[illegible]	3
4	74.0	29.491	-.130	29.361	30.29	58.5	53.9	50	74	.360	68.2	57.4	NE	8			0	8	St. Cu.	W	Cloudy		[illegible]	4
5	72.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SE	[illegible]			0	2	[illegible]					5
6	72.0	29.205	-.124	29.08[illegible]	30.00	59.0	55.2	52	79	.387	73.1	58.4	N	8	28	NW	.08	8	St					6
7	70.0	29.300	-.119	29.181	30.10	53.9	51.0	49	83	.347	64.4	51.9	SE	7			0	9	St.					7
8	69.0	29.295	-.111	29.167	30.10	54.5	53.0	52	91	.387	56.2	52.8	NE	10			.02	9	St					8
9	67.0	29.366	-.111	29.255	30.19	55.0	52.8	52	87	.387	63.8	50.8	N	1			0	Few	Ci. St.	W	Clear		[illegible]	9
10	66.0	29.604	-.109	29.495	30.44	42.2	38.7	34	73	.195	63.6	41.8	NE	10			0	9	St.	E	[illegible]			10
11	64.0	29.560	-.103	29.457	30.41	42.0	40.5	39	88	.237	51.0	38.8	N	1			0	Few	Ci. St.	N	Clear		WSB	11
12	64.0	29.523	-.103	29.420	30.36	46.7	43.2	40	76	.247	59.0	42.8	SW	5			0	0	0	0	Clear		WSB	12
13	64.0	29.400	-.103	29.297	30.23	55.0	47.8	41	59	.256	64.8	47.8	SE	6			0	3	Ci. St.	SW	Clear		WSB	13
14	67.5	29.384	-.113	29.271	30.20	60.8	55.2	51	70	.373	70.2	56.5	S	2			0	0	0	0	Clear		WSB	14
15	72.0	29.423	-.125	29.298	30.23	55.0	51.8	50	81	.360	76.3	52.6	NE	5			0	0	0	0	Clear		WSB	15
16	72.5	29.504	-.126	29.378	30.31	57.5	57.0	56	97	.448	71.6	56.8	NE	10			0	Dense	Fog	0	Foggy		WSB	16
17	72.0	29.530	-.125	29.405	30.33	54.8	53.7	53	93	.402	65.2	53.0	NE	6			0	3	Ci. St.	SW	Clear		WSB	17
18	71.5	29.423	-.123	29.300	30.23	56.2	53.7	52	85	.387	68.0	53.7	NE	2			0	3	Ci. Cu	W	Clear		WSB	18
19	72.0	29.265	-.124	29.141	30.06	56.0	51.8	49	76	.347	71.0	53.0	SE	1			0	0	0	0	Clear		WSB	19
20	72.5	29.132	-.125	29.007	29.93	61.0	55.2	51	69	.373	73.4	60.0	SE	2			0	4	Ci. Cu.	SW	Pt. Cloudy		WSB	20
21	71.5	29.312	-.122	29.190	30.11	55.0	54.5	54	97	.417	68.0	54.5	NE	12			T	10	Nb.	NE	Lt. Rain		WSB	21
22	69.0	29.452	-.117	29.335	30.28	51.0	49.1	47	88	.322	63.8	48.0	NE	6			0	0	0	0	Clear		WSB	22
23	67.5	29.490	-.113	29.377	30.32	46.4	44.9	43	89	.277	57.3	44.0	NE	6			0	0	0	0	Clear		WSB	23
24	67.0	29.481	-.111	29.370	30.3[illegible]	50.8	49.3	48	90	.334	64.0	49.1	E	3			0	5	Ci. Cu.	SE	Pt. Cloudy		WSB	24
25	68.0	29.391	-.114	29.277	30.21	51.0	49.4	48	89	.334	67.2	49.5	E	2			0	0	0	0	Clear		WSB	25
26	69.5	29.346	-.117	29.229	30.15	54.1	49.4	45	72	.298	71.0	52.0	S	5			0	Few	Ci. St.	SW	Clear		WSB	26
27	71.0	29.163	-.121	29.042	29.95	63.6	60.0	58	8[illegible]	.48[illegible]	72.6	62.[illegible]	SW	8			0	8	St	SW	Cloudy		WSB	27
28	68.0	29.244	-.113	29.128	30.06	45.0	43.9	43	92	.277	57.3	43.2	SW	5			0	0	0	0	Clear		[illegible]	28
29	66.0	29.118	-.107	29.011	29.94	48.6	46.3	44	85	.287	61.0	46.9	SW	8			0	0	0	0	Clear		WSB	29
30	63.5	29.116	-.101	29.015	29.95	45.8	42.6	39	77	.237	58.3	44.1	W	12			0	Few	Cu.	W	Clear		WSB	30
31																								31
Sums	(a)	(a)	(a)	877.606	905.50	1625.6	1537.2	1465	2470	10.629	(a)	(a)	(a)	177	(a)	(a)	0.10	96	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.254	30.183	54.2	51.2	48.8	82.3	.354	(a)	(a)	(c) NE	5.9	(a)	(a)	(a)	3.2	(c) St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 191

Number of Station barometer, 656; sum of corrections, -009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of Observer	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Vapor Pressure. Initials of observer. at 12 noon 90th MT	Date.	Dry Thermometer	Wet Thermometer
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
P.M.Q	1	76.5	29.330	-136	29.194	30.11	78.1	68.1	63	60	.575	84.0	63.4	W	5			0	1	St	W	Clear			.517	1	81	48
P.M.Q	2	78.0	29.380	-140	29.240	30.16	71.0	66.2	63	78	.575	79.0	66.4	N	5			.08	8	St.Cu.	N	Cloudy			.616	2	68	53
P.M.A	3	76.5	29.381	-136	29.245	30.17	68.2	61.3	57	68	.465	76.0	60.0	N	5			0	4	St.Cu. St.	N N	[illegible]			.517	3	[illegible]	[illegible]
P.M.Q	4	75.0	29.454	-133	29.321	30.25	65.0	57.0	51	62	.373	69.8	58.5	E	5			0	0	0	0	Clear			.322	4	[illegible]	[illegible]
P.M.Q	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	54.[illegible]	S	5			0	3	Ci.Cu St.	W S	Pt Cl.			[illegible]	5	66	58
P.M.Q	6	76.0	29.305	-134	29.174	30.09	64.4	57.3	52	65	.35[illegible]	71.4	58.8	NE	9			0	Few	A.St	NW	Clear			.360	6	59	[illegible]
P.M.Q	7	70.0	29.158	-118	29.040	29.97	55.0	54.2	53	95	.402	60.0	53.9	NE	12			.24	10	Nb.	NE	Lt. Rain			.417	7	57	88
P.M.Q.	8	69.0	29.292	-116	29.176	30.10	63.8	59.1	56	76	.448	69.2	54.5	E	8			0	2	St.	NE	Clear			.402	8	66	62
P.M.Q	9	69.0	29.421	-117	29.304	30.23	63.6	59.2	57	77	.465	71.4	55.0	N	8			0	10	St.	N	Cloudy			.432	9	[illegible]	[illegible]
P.M.Q	10	69.0	29.536	-117	29.419	30.37	51.0	44.0	36	57	.211	55.4	42.2	N	4			0	0	0	0	Clear			.195	10	53	47
P.M.Q	11	67.0	29.433	-111	29.322	30.21	59.0	5[illegible]	43	55	.217	63.2	42.[illegible]	W	4			0	0	0	0	Clear			.195	11	59	36
P.M.Q	12	67.0	29.384	-111	29.273	30.21	64.8	52.2	41	41	.256	7[illegible]	44.7	S	9			0	5	St.	S	Pt Cloudy			.187	12	68	28
P.M.Q	13	70.[illegible]	29.323	-119	29.204	30.12	70.2	56.2	45	40	.298	77.5	55.0	S	8			0	3 Few	Ci.Cu. St	SW S	Clear			.266	13	75	31
P.M.Q	14	73.5	29.343	-128	29.212	30.13	76.3	59.[illegible]	46	35	.310	83.0	60.8	SE	4			0	0	0	[illegible]	Clear				14	[illegible]	[illegible]
P.M.Q	15	75.0	29.4[illegible]	-133	29.271	30.20	71.6	62.1	57	59	.465	83.0	55.0	NE	[illegible]			0	0	0	0	Clear			.360	15	80	35
P.M.Q	16	75.5	29.506	-134	29.372	30.30	65.2	57.2	51	62	.373	75.0	57.5	NE	12			0	1	Ci.St	W	Clear		3 [illegible]	.347	16	73	43
P.M.Q	17	73.5	29.425	-129	29.299	30.23	68.0	59.0	53	59	[illegible]	7[illegible]	54.8	NE	5			0	4	St.Cu	NE	Pt Cloudy			.334	17	72	42
P.M.Q	18	74.5	29.29[illegible]	-12[illegible]	29.16[illegible]	30.[illegible]	7[illegible].0	58.4	5[illegible]	47	.366	77.5	56.2	NE	[illegible]			0	0	0	0	Clear			.334	18	72	42
W.S.B	19	74.0	29.144	-129	29.015	29.94	73.4	58.9	48	41	.334	81.0	56.0	S	6			0	0	0	0	Clear			.347	19	78	37
P.M.Q	20	74.5	29.175	-130	29.045	29.96	68.0	64.3	63	82	.575	71.2	59.4	E	4			.11	9	St.Cu	E	Cloudy			.517	20	63	90
P.M.Q	21	72.5	29.342	-125	29.217	30.14	63.8	55.3	49	58	.347	67.1	54.6	NE	2			T	0	0	0	Clear			.373	21	58	77
P.M.Q	22	71.0	29.450	-122	29.328	30.27	57.3	50.7	45	63	.298	67.0	51.0	E	8			0	0	0	0	Clear			.347	22	63	60
P.M.Q	23	71.0	29.423	-122	29.31[illegible]	30.25	64.0	56.9	52	65	.387	71.4	46.4	NE	6			0	0	0	0	Clear			.298	23	[illegible]	46
P.M.Q	24	70.5	29.390	-121	29.269	30.20	67.2	58.1	52	58	.387	76.0	50.8	E	8			0	0	0	0	Clear			.360	24	74	44
P.M.Q	25	7[illegible].5	29.2[illegible]	-122	29.182	30.10	71.0	55.2	42	35	.266	79.0	51.0	SE	3			0	0	0	0	Clear			.287	25	76	32
P.M.Q	26	72.[illegible]	29.2[illegible]	-124	29.106	30.03	72.6	60.1	52	48	.387	80.2	54.1	S	6			0	5	St.	S	Pt Cloudy			.32[illegible]	26	78	34
P.M.Q	27	71.5	29.165	-12[illegible]	29.043	29.96	56.3	53.3	51	82	.373	70.0	56.3	NW	11			.07	8	St.Cu	NW	[illegible]			[illegible]	27	71	[illegible]
P.M.Q	28	7[illegible]	29.1[illegible]	-11[illegible]	29.[illegible]	29.93	61.0	52.5	45	56	.298	69.0	45.0	SW	9			0	0	0	0	Clear			.266	28	66	41
P.M.Q	29	67.0	29.054	-110	28.944	29.87	58.3	50.2	43	57	.277	74.0	48.6	NW	15	33	NW	T	1	St.Cu.	W	Clear			.187	29	53	23
P.M.Q	30	63.5	29.236	-101	29.135	30.07	51.0	46.0	41	69	.256	58.4	45.8	NW	14	27	NW	0	9	St.Cu.	W	Clear			.203	30	58	42
	31																									31		
	Sums		(a)	(a)	875.863	903.66	1960.9	17[illegible]	1516	1[illegible]	[illegible]	(a)	(a)	(a)	2[illegible]	(a)	(a)	0.50	85	(a)	(a)	(a)	0		(a)	(a)	[illegible]	[illegible]
	Means		(a)	(a)	29.195	30.[illegible]	65.[illegible]	5[illegible]	5[illegible]	60.[illegible]	[illegible]	(a)	(a)	(c) NE	7.[illegible]	(a)	(a)	(a)	2.8	(c) St	(c) [illegible]	(a)	(a)	(a)	(a)	(a)	[illegible]	[illegible]

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 191

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. p.m. to p.m. *‡‡	Snow unmelted. p.m. to p.m. *‡‡	Hail, sleet, and snow on ground at p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	84	61	23	8	72																0								1
2	79	65	14	0	72				R	11:12a	11:40a										.08								2
3	76	59	17	4	68																								3
4	70	56	14	5	63																0								4
5	75	52	23	1	64																0								5
6	72	55	17	0	64				R	7.N.a	5.50a										.08								6
7	60	52	8	8	56				R	0.50a	7.N.p.										.26								7
8	69	53	16	5	61																								8
9	71	51	20	0	61																								9
10	55	42	13	13	48																0								10
11	63	39	24	3	51																								11
12	72	43	29	7	58																								12
13	78	48	30	5	63																								13
14	83	56	27	7	[illegible]																								14
15	83	53	30	2	[illegible]																								15
16	75	56	19	2	[illegible]																0								16
17	74	53	21	2	[illegible]																								17
18	77	54	23	2	[illegible]																0								18
19	81	53	28	1	[illegible]																0								19
20	71	59	12	2	[illegible]				R	10.35a	11.50a										.11								20
21	67	53	14	5	[illegible]				R	2.N.a	7.15a										T								21
22	67	48	19	2	58																0								22
23	71	44	27	0	58																0								23
24	76	49	27	4	62																0								24
25	79	50	29	2	64																0								25
26	80	52	28	2	66																0								26
27	70	48	22	7	59				R	12 noon	12.50p	R	1.02p.	3.45p.							.07								27
28	69	43	26	2	56																0								28
29	74	47	27	4	60				R	2.30p	2.35p										T								29
30	58	44	14	9	51																0								30
31																													31
S	2179	1538	641	115	1861		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	6.60		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M	72.6	51.3	21.4	3.8	62.0	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF September, 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean [illegible])

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.254	29.195	29.224	29.510	10	28.85[illegible]	29	0.66[illegible]	30.183	30.12[illegible]	30.152	30.[illegible]6	[illegible]	29.[illegible]	29	[illegible]
Corrected mean		29.219						Corrected mean		30.147	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
54.2	65.4	59.8	51.2	56.9	54.0	72.6	51.3	62.0				84	1	39	11	45	30	15	8	7

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
48.8	50.5	49.6	82.3	60.6	71.4	.354	.378	.366	0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5049	70	NE	33	NW	29	7	19	7	7	7	7	3	3	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.2	2.8	3.2	82	18	10	2	0	3	2

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
11, 12	0	0	2" 6" 20"	0	0	0	0	16	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.60	0.26	7	None		None			None	2	5	5	1	0	7	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.03, date 2, 7", 20"; 10 minutes 0.06, date 25; 15 minutes 0.07, date 2", 7; 30 minutes 0.09, date 20"; 1 hour 0.12, date 7"; 2 hours 0.17, date 7".

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None													

* The duration is the time precipitation was actually recorded.

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Prepared by P. McDonough, P. McDonough, Lt., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1917

Number of Station barometer, ; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
10"	15 10 am	15 9 am				29.510	30.46	47.0																	10
29.	15 3 pm	15 2 pm				28.850	29.76	60.0																	29.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, *191*1

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

†Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20, 1911 Ido Ave, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun street, room 911-912; first observation taken in present office, Jan. a, m. May 20, 191

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1917

Number of Station barometer, 656; sum of corrections, .009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.17 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	61.0	29.391	-.095	29.296	30.24	44.5	42.9	41	88	.256	51.0	41.8	NW	4			0	6	St. Cu.	W	Pt. Cloudy		[illegible]	1
2	66.0	29.431	.109	29.322	30.26	47.3	42.8	38	69	.228	57.0	44.5	S	12			0	8	St.	SW	Cloudy		[illegible]	2
3	66.0	29.091	-.107	28.984	29.90	59.2	52.0	46	62	.310	59.7	56.0	SW	10			T	10	St.	SW	Cloudy		[illegible]	3
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	87	.266	[illegible]	[illegible]	W	4				6	Ci. Cu.	NW	Pt. [illegible]		[illegible]	4
5	66.5	29.053	-.108	28.945	29.86	45.0	42.1	39	80	.237	62.0	44.4	S	11			0	8	St. Cu.	W	[illegible]		[illegible]	5
6	65.0	29.528	-.106	29.422	30.37	37.0	34.2	30	76	.164	45.0	34.0	NW	3			0	6	St. Cu.	W	Pt. Cloudy		[illegible]	6
7	65.0	29.275	-.105	29.170	30.10	45.4	40.9	35	68	.203	48.4	41.7	S	15			T	10	Nb.	S	Lt. Rain		[illegible]	7
8	67.0	29.443	-.111	29.332	[illegible]	39.3	36.7	33	79	.197	54.0	38.0	NW	6			0	0	0	0	Clear		[illegible]	8
9	66.0	29.452	-.109	29.343	30.29	32.6	30.5	27	79	.143	42.0	30.7	E	2			0	Few	Ci. St.	NW	Clear		[illegible]	9
10	66.0	29.237	-.108	29.129	30.07	41.8	38.0	33	71	.187	47.9	40.8	SE	10			.04	10	St.	SE	Cloudy		[illegible]	10
11	65.5	29.213	-.106	29.107	30.05	39.0	37.6	36	89	.211	45.2	36.8	S	3			0	9	St.	S	Cloudy		[illegible]	11
12	62.0	28.914	-.097	28.817	29.75	33.0	31.7	30	87	.164	44.0	31.8	S	16			.13	10	Nb.	S	Lt. Snow		[illegible]	12
13	[illegible]	29.262	-.095	29.167	[illegible]	34.9	32.4	29	77	.157	35.3	34.2	SW	9			T	9	St.	SW	Cloudy		[illegible]	13
14	64.5	29.133	-.104	29.029	29.97	41.6	36.0	28	58	.150	41.6	34.8	S	10			0	3	Ci. Cu.	SW	Clear		[illegible]	14
15	69.0	28.984	-.115	28.869	29.79	49.4	47.0	45	84	.298	60.3	48.7	S	6			T	3	Ci. Cu.	NW	Clear		[illegible]	15
16	67.0	29.312	-.111	29.201	30.13	44.4	40.8	36	74	.211	55.0	44.0	NW	5			0	2	Ci. Cu.	W	Clear		[illegible]	16
17	66.0	29.328	-.108	29.220	30.15	45.0	39.8	33	63	.187	52.3	42.3	E	11			0	10	St.	SE	Cloudy		[illegible]	17
18	67.0	29.108	-.110	28.998	29.93	63.0	60.8	60	89	.517	67.0	48.0	SW	12			.15	10	Nb.	SW	Lt. Rain		[illegible]	18
19	65.0	29.124	-.104	29.020	29.95	34.0	31.2	27	74	.143	61.8	34.0	W	20			.51	10	St.	NW	Cloudy		[illegible]	19
20	63.0	29.415	-.101	29.314	30.27	30.8	28.8	26	79	.136	33.0	29.9	S	[illegible]			0	6	St.	S	Pt. Cloudy		[illegible]	20
21	65.0	29.362	-.105	29.257	30.21	35.1	32.6	29	77	.157	44.4	34.8	SW	6			T	0	0	0	Clear		[illegible]	21
22	67.5	29.408	-.113	29.295	30.25	36.8	34.3	31	79	.172	38.0	33.9	S	6			0	10	St.	S	Cloudy		[illegible]	22
23	68.0	29.303	-.113	29.190	30.13	32.0	31.5	31	95	.172	44.2	31.5	S	7			.19	10	Nb.	S	Lt. Snow		[illegible]	23
24	66.0	29.357	-.108	29.249	30.20	36.2	35.2	34	91	.195	36.2	32.0	NW	10			.06	10	St.	NW	Cloudy		[illegible]	24
25	67.0	29.285	-.111	29.174	30.11	33.3	31.0	28	78	.150	41.0	31.8	W	1			0	4	Ci. Cu.	W	Pt. Cloudy		[illegible]	25
26	68.0	28.820	-.112	28.708	29.63	42.6	39.9	37	80	.219	42.6	37.8	SE	8			.05	10	Nb.	SE	Lt. Rain		[illegible]	26
27	63.0	29.120	-.099	29.021	29.96	39.7	37.5	34	82	.195	43.8	37.5	S	7			0	9	St.	S	Cloudy		[illegible]	27
28	65.5	29.325	-.107	29.218	30.11	34.2	32.7	30	86	.164	38.0	32.2	S	7			0	7	Ci. Cu.	W	Pt. Cloudy		[illegible]	28
29	64.0	28.864	-.101	28.763	29.68	49.8	48.8	48	93	.334	50.0	41.2	S	3			1.95	10	Nb.	S	Lt. Rain		[illegible]	29
30	59.0	29.070	-.089	28.981	29.93	24.0	22.4	19	80	.098	43.3	23.2	W	18	30	SW	.04	10	St.	W	Cloudy		[illegible]	30
31	61.0	29.206	-.094	29.112	30.07	29.2	27.0	23	76	.118	29.2	24.0	S	6			0	10	St.	S	Cloudy		[illegible]	31
Sums		(a)	(a)	902.664	931.73	1245	1162	1055	2456	6.829	(a)	(a)	(a)	252	(a)	(a)	3.25	226	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.118	30.056	40.2	37.5	34.1	79.0	.204	(a)	(a)	(c) S	8.1	(a)	(a)	(a)	7.3	(c) St.	(c) S	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of observer	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Vapor Pressure ~~Initials of observer.~~ at 12 M. 90 M.S.	Date.	Observations taken at 12 M. 90 M.S. Dry.	Observations taken at 12 M. 90 M.S. Relative Humidity.
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
P.M.G.	1	66.[illegible]	29.400	-.[illegible]	29.2[illegible]	30.23	57.0	48.5	40	53	.247	62.0	44.5	NE	1			0	0	0	0	Clear			2.3[illegible]	1	57	51
P.M.G.	2	68.5	29.261	-.115	29.146	30.08	58.8	53.5	49	71	.347	61.9	47.3	S	2			.02	10	St.	S	Cloudy			.25[illegible]	2	[illegible]	[illegible]
[illegible]	3	67.5	29.017	-.111	28.906	29.83	54.0	53.5	53	97	.402	67.0	54.0	N	7			.60	10	Nb.	N	Lt. Rain			.38[illegible]	3	61	74
P.M.G.	4	69.0	28.957	-.115	28.842	29.75	[illegible]	55.0	50	64	.360	64.2	45.4	W	9			0	10	St.	W	Cloudy			[illegible]	4	58	[illegible]
P.M.G.	5	61.5	29.354	-.109	29.245	30.17	45.0	42.8	41	84	.256	54.4	45.0	N	9			.05	10	St.	N	Cloudy			.24[illegible]	5	54	57
P.M.G.	6	67.5	29.408	-.113	29.295	30.24	48.4	44.4	40	74	.247	54.2	37.0	SE	9			0	0	0	0	Clear			.157	6	50	44
P.M.G.	7	67.0	29.[illegible]2	-.110	29.132	30.06	[illegible]	46.0	38	54	.228	65.0	45.4	NW	12			T	9	St.Cu	NW	Cloudy			.23[illegible]	7	61	45
P.M.G.	8	67.5	29.494	-.113	29.381	30.32	42.0	38.0	33	70	.187	47.9	39.3	N	8			0	0	0	0	Clear			.150	8	[illegible]	[illegible]
P.M.G.	9	69.0	29.29[illegible]	-.1[illegible]	29.174	[illegible]	[illegible]	44.4	41	[illegible]	.256	52.8	32.0	SE	2			0	10	St	SE	Cloudy			.14[illegible]	9	48	42
P.M.G.	10	67.0	29.260	-.1[illegible]	29.1[illegible]4	[illegible]	[illegible]	42.7	40	82	.247	47.0	41.8	E	2			.05	10	St.	E	Cloudy			[illegible]	10	[illegible]	[illegible]
P.M.G.	11	67.5	28.940	-.111	28.827	[illegible]	[illegible]	43.0	42	93	.266	51.3	39.0	SW	9			.11	10	Nb.	SW	Lt. Rain			.237	11	51	63
P.M.G.	12	65.0	29.160	-.105	29.055	29.97	34.2	[illegible]	30	85	.164	35.3	33.0	W	18	25	W	T	10	Nb.	W	Lt. Snow			.157	12	34	[illegible]
P.M.G.	13	68.[illegible]	29.29[illegible]	-.113	29.177	[illegible]	[illegible]	[illegible]	29	60	.157	45.0	34.9	S	5			0	0	0	0	Clear			.130	13	40	53
P.M.G.	14	68.0	28.890	-.112	28.778	29.70	60.[illegible]	50.3	41	49	.256	63.4	41.6	S	15	28	S	T	10	St.	S	Cloudy			.172	14	59	34
P.M.G.	15	69.0	29.140	-.1[illegible]	29.024	29.95	55.[illegible]	47.0	39	55	.237	63.0	49.4	N	3			T	0	0	0	Clear			.298	15	60	55
[illegible]	16	[illegible]	29.386	-.117	29.269	[illegible]	52.3	44.3	35	52	.203	60.4	44.2	NE	4			0	0	0	0	Clear			[illegible]	16	57	[illegible]
[illegible]	17	69.0	29.185	-.1.6	29.[illegible]	[illegible]	[illegible]	48.2	45	80	.298	57.3	45.0	E	8			.03	8	St.Cu	E	Cloudy			[illegible]	17	49	74
P.M.G.	18	69.0	28.950	-.1.5	28.835	29.75	61.8	60.5	60	93	.517	63.0	60.0	S	7			1.90	10	Nb.	SW	Lt. Rain			.51[illegible]	18	62	94
P.M.G.	19	67.3	29.324	-.1.2	29.212	[illegible]	33.0	29.6	24	67	.124	35.0	33.0	SW	9			0	10	St.	SW	Cloudy			.143	19	34	72
[illegible]	20	69.0	29.36[illegible]	-.1[illegible]	29.2[illegible]	[illegible]	44.1	37.1	27	51	.143	46.6	30.8	S.E.	5			0	10	St.	SE	Cloudy			[illegible]	20	44	57
P.M.G.	21	70.0	29.370	-.119	29.2[illegible]	30.20	38.0	34.0	28	67	.150	43.0	35.1	SW	5			0	9	St.Cu	SW	Cloudy			.15	21	42	55
[illegible]	22	71.[illegible]	29.227	-.22	29.215	[illegible]	[illegible]	[illegible]	4[illegible]	63	[illegible]	[illegible]	[illegible]	S	8			T	10	Nb.	S	Lt. [illegible]			.15	22	49	43
P.M.G.	23	67.0	29.350	-.111	29.239	30.19	32.2	31.7	31	95	.172	32.4	29.8	W	8			.20	10	Nb	NW	Lt. Snow			[illegible]	23	32	100
P.M.G.	24	69.[illegible]	29.[illegible]	-.[illegible]	29.[illegible]	30.0[illegible]	[illegible]	35.6	28	59	.150	41.2	36.2	N	5			0	10	St.	N	Cloudy			.175	24	41	77
P.M.G.	25	7[illegible]	29.140	.120	29.020	29.96	42.5	39.0	34	74	.195	50.0	33.3	SE	5			0	5	Ci.St	W	Pt. Cloudy			.180	25	46	59
P.M.G.	26	61.[illegible]	28.973	[illegible]	28.873	[illegible]	43.[illegible]	[illegible]	38	80	.228	50.4	42.6	W	16	37	SW	.28	9	St.Cu	W	Cloudy			[illegible]	26	48	54
P.M.G.	27	66.0	29.135	-.1[illegible]	29.0[illegible]	[illegible]	[illegible]	37.0	36	91	.211	43.0	38.0	SW	9			.40	0	0	0	Clear			.256	27	43	92
P.M.G.	28	65.0	29.077	-.104	28.973	[illegible]	49.0	42.2	34	56	.195	52.2	34.2	SE	8			T	10	Nb.	SE	Lt. Rain			.164	28	48	48
P.M.G.	29	66.5	28.703	-.107	28.596	29.52	43.3	42.3	41	92	.256	58.3	43.3	SW	15			.56	10	Nb.	W	Lt. Rain			[illegible]	29	56	94
P.M.G.	30	62.0	29.223	-.097	29.126	30.09	24.6	22.2	17	70	.089	25.3	22.9	SW	8			T	10	St.	W	Cloudy			.078	30	25	75
P.M.G.	31	66.0	29.257	-.108	29.149	30.10	29.6	29.1	29	95	.157	35.2	29.2	W	13			12	10	Nb	NW	Lt. Snow			.150	31	33	89
[illegible]	Sums		(a)	(a)	901.679	930.71	1417.6	1293.2	1153	2272	7.192	(a)	(a)	(a)	244	(a)	(a)	4.32	230	(a)	(a)	(a)			6.672	(a)	494	1942
	Means		(a)	(a)	29.086	[illegible]	[illegible]	[illegible]	37.3	[illegible]	.232	(a)	(a)	(c) SW	[illegible]	(a)	(a)	(a)	7.4	(c) St.	(c) [illegible]	(a)	(a)	(a)	2.15 (a)	(a)	48.2	62.6

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 191

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	62	42	20	1	52																0				0	0	0	0	1
2	62	44	18	1	53				R	9:55 a	10:15 a	R	11:05 a	11:05 a	R	1:07 p	2:55 p	R	3:46 p	6:35 p	T				0				2
3	67	52	15	7	60				R	D.N.a	D.N.a			D.N.p.							T				0	0	0	0	3
4	64	44	20	6	54																0				0	0	0	0	4
5	54	39	15	8	46				R	4:15 p	2:55 p										.05				0	0	0	0	5
6	54	34	20	2	[illegible]																0				0	0	0	0	6
7	65	42	23	10	[illegible]				R	D.N.a	9:45 a										T				0	0	0	0	7
8	48	36	12	12	42																0				0	0	0	0	8
9	53	31	22	0	42				R	8:05 p.	D.N.p.										.04				0	0	0	0	9
10	47	40	7	2	44				R	7:40 a	3:45 p.										.05 T				0	0	0	0	10
11	51	37	14	0	44				R	4:15 p	- - -										.13				0	0	0	0	11
12	39	32	7	8	36				R	- - -	D.N.a	Sm	D.N.a	8:45 a	Sm	6:30 p	9:15 p				.11				0	T	T	T	12
13	45	34	11	4	40																0				0	T	0	0	13
14	63	35	28	9	49				R	6:10 p.	6:30 p.										T				0	0	0	0	14
15	63	49	14	7	56				R	6:05 a	6:12 a	R	9:38 a	10:00 a	R	11:20 a	11:45 a				T				0	0	0	0	15
16	60	43	17	4	52																0				0	0	0	0	16
17	59	42	17	2	50				R	7:05 a	11:50 a										.03				0	0	0	0	17
18	67	45	22	6	56				R	D.N.a	11:25 a	R	11:50 a	11:50 p							2.56				0	0	0	0	18
19	45	33	12	17	39																0				0	0	0	0	19
20	47	30	17	1	38				R	8:20 p	D.N.p.										T				0	0	0	0	20
21	43	35	8	1	39																0				0	0	0	0	21
22	49	34	15	3	42				R	5:35 p	- - -										.06				0	0	0	0	22
23	41	30	11	6	36				R	- - -	D.N.a	Sm	D.N.a	7:10 p.	R	7:10 p.	D.N.p.				Ø .39				0	3.8	3.0 Ø	.32	23
24	41	35	6	2	38																0				0	T	0	0	24
25	50	32	18	3	41																0				0	0	0	0	25
26	50	38	12	3	44				R	D.N.a	12:10 p	R	12:50 p	6:10 p.							.33				0	0	0	0	26
27	43	34	9	6	38				R	9:25 a	2:50 p										.40				0	0	0	0	27
28	52	32	20	4	42				R	4:40 p.	- - -										Ø .60				0	0	0	0	28
29	58	29	29	2	44				R	- - -	8:45 p	Sm	8:45 p	- - -							Ø .96				0	0	0	Ø .01	29
30	29	23	6	18	26				Sm	- - -	D.N.a	Sd	11:15 a	6:20 p							Ø .02				0	0.3	T	Ø .02	30
31	35	24	11	4	30				Sm	11:25 a	3:45 p										.12				0	1.5	1.5	.12	31
S ---	1606	1130	476	159	1371		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	7.57		Total excess or deficiency since January 1,		0	5.6	(a)	(a)	(a)
M ---	51.8	36.5	15.4	5.1	44.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF October, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.118	29.086	29.102	29.460	6	28.550	29	0.910	30.056	30.023	30.040	30.41	6	29.46	29	0.95
Corrected mean		29.096						Corrected mean		30.034	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
40.2	45.7	43.0	37.5	41.-	39.6	51.8	36.5	44.2				67	3	23	30	44	29	29	6	30

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
34.1	37.2	35.6	79.0	73.3	76.2	.204	.232	.218	1	0	8	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6656	8.9	SW	37	SW	26	5	3	4	7	19	10	9		1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.3	7.4	7.6	30	1	14	16	0	3	14

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None previous to Killing	None previous to Killing	6	5, 18, 28, 29	0	0	25	0	0	0	0	0	0		

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h.	m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h.	m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
7.57	2.52	18	2.56	19	25	18	None	- - -	- - -	- - -	4	7	14	7	2	21	5	4	5.6	1.5
			2.54	24	0.0	28-29														

Ø The time the rain began in the early morning of the 18th being unknown it has been estimated as 4:00 a.m. The excessive rainfall (2.54 inches) of the 28-29th occurred from 6:40 p.m. of the 28th to 6:40 a.m. of the 29th.

⊗ (w) Maximum precipitation in 5 minutes ——, date ——; 10 minutes ——, date ——; 15 minutes ——, date ——;

30 minutes ——, date ——; 1 hour ——, date ——; 2 hours ——, date ——.

⊗ Tipping bucket rain gage removed indoors at 12.20 pm of the 12th because of freezing weather

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket rain gauge not exposed after the 12th.																				

* The duration is the time precipitation was actually recorded.

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Prepared by C. M. Donough C. M. Donough L. F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	2 pm	1 pm	66.0	29.033	-.107	28.926	29.86	48.6	44.8	41	8	75	51.3	S	16			0	8	a. St.	NW	Cloudy	ended		11
																			2	Cu.	S		C.T.O.		
17	12 M	11 am	68.0	29.313	-.113	29.200	30.13	46.4	42.8	39	7	75	46.8	NE	6			.03	10	Nb	SW	Lt. rain	C.O. ended by		17
22	12 m	11 am	69.0	29.365	-.116	29.249	30.20	46.6	39.4	30	17	52	46.6	SE	9			0	9	St. Cu.	NW	Cloudy	C.O.		22
28	12 m	11 am	64.5	29.340	-.104	29.236	30.18	47.6	40.4	31	17	53	47.9	SE	7			0	9	St. Cu	SW	Cloudy	C.O.		28
6	10 am	9 am				29.460	30.41	44.0																	6
29	4 pm	3 pm				28.550	29.46	52.0																	29

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, *191*7

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 3366 since spring of 1917; No. of wet thermometer in use, ----; No. of maximum thermometer in use, ----; No. of minimum thermometer in use, ----

†Elevation above ground of the dry thermometer, ---- feet; rain gage, ---- feet; anemometer, ---- feet.

If the office has been moved during the month, give date ----; amount of change in height of barometer, ---- feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911

Yarr, ----, station elevation, 857 feet; actual elevation, 856 feet.

Location of office: Number Corner of Berry & Calhoun streets, rooms 911-912; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate.

†To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90TH MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	60.5	29.284	-.094	29.190	30.25	24.6	24.0	23	93	.118	26.6	24.0	SW	8			T	3	St. Cu.	SW	Clear		[illegible]	1
2	65.0	29.614	-.106	29.508	30.47	32.0	30.0	27	79	.143	32.4	31.0	W	7			0	8	St. Cu	W	Cloudy		[illegible]	2
3	[illegible]	[illegible]	-.102	[illegible]	[illegible]	34.4	[illegible]	26	68	.136	37.3	33.1	SW	14			0	0	0	0	Clear		[illegible]	3
4	65.0	29.724	-.107	29.617	30.57	33.0	31.0	28	80	.150	49.0	33.0	E	6			0	0	0	0	Clear		[illegible]	4
5	65.0	29.666	-.107	29.559	30.51	35.0	34.0	33	91	.187	47.4	33.2	E	2			0	0	0	0	Clear		[illegible]	5
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]	SW	7			0	2	Ci. Cu	NW	Clear		[illegible]	6
7	66.5	29.582	-.110	29.472	30.42	33.2	32.6	32	94	.180	58.0	33.2	E	7			0	2 2	St. Ci. Cu	E W	Clear		P. McD.	7
8	66.0	29.580	-.109	29.471	30.42	31.4	30.4	29	89	.157	44.4	31.4	E	6			0	2	St. Cu	E	Pt. Cloudy		P. McD.	8
9	65.0	29.520	-.106	29.414	30.36	37.0	34.0	30	74	.164	46.0	37.0	E	2			0	St.	Haze	-	Clear		P. McD.	9
10	66.5	29.364	-.109	29.255	30.19	35.0	35.0	35	100	[illegible]	54.5	35	SW	4			0	Lt.	Ci. St. Fog	NW SW	Clear		P. McD.	10
11	66.5	29.271	-.109	29.162	30.09	35.6	35.1	35	95	.203	56.6	34.4	S	2			0	Dense	Fog	S	Foggy		[illegible]	11
12	65.5	29.312	-.107	29.205	30.13	37.0	37.0	37	100	.219	53.0	37.0	NE	8			0	Dense	Fog.	NE	Foggy		P. McD.	12
13	65.0	29.454	-.106	29.348	30.30	37.2	36.2	35	91	.203	39.4	36.4	NE	9			T	10	St.	NE	Cloudy		P. McD.	13
14	[illegible]	29.522	-.107	29.415	30.37	32.9	[illegible]	30	89	.164	43.0	[illegible]	N	3			0	0	0	0	Clear		P. McD.	14
15	63.5	29.392	-.102	29.290	30.24	33.0	32.5	32	95	.180	42.6	33.0	W	11			0	Dense	Fog	W	Foggy		P. McD.	15
16	64.0	29.372	-.103	29.269	30.22	37.4	[illegible]	34	89	[illegible]	39.0	35.8	W	4			0	8	St. Cu.	W	Cloudy		P. McD.	16
17	65.0	29.360	-.105	29.255	30.21	38.0	37.0	36	91	.211	42.3	37.6	SW	5			0	0	0	0	Clear		P. McD.	17
18	64.0	29.244	-.102	29.142	30.07	47.0	45.0	43	86	.277	55.5	47.0	SW	9			0	5	St. Cu.	SW	Pt. Cloudy		P. McD.	18
19	62.0	29.512	-.098	29.414	30.37	24.2	22.7	19	81	.098	36.1	24.2	E	3			0	0	0	0	Clear		P. McD.	19
20	63.0	29.034	-.099	28.935	29.89	38.3	35.0	31	73	.172	38.3	34.4	SW	13			0	9	St. Cu.	SW	Cloudy		P. McD.	20
21	64.5	28.824	-.103	28.721	29.64	36.3	35.8	35	95	.203	49.7	36.3	SW	4			0	2 Lt.	Ci. St. St. Cu. Fog	NW SW SW	Cloudy		P. McD.	21
22	63.0	28.540	-.098	28.442	29.36	37.0	36.0	35	91	.203	49.0	37.0	NW	12			.06	10	Nb.	NW	Lt. Rain		P. McD.	22
23	62.5	29.084	-.098	28.986	29.95	24.0	22.8	20	85	.103	29.5	23.9	N	9			T	10	Nb.	N	Lt. Snow		P. McD.	23
24	65.0	29.312	-.105	29.207	30.18	14.2	13.6	12	89	.070	20.[illegible]	13.8	NW	[illegible]			0	0	0	0	Clear		P. McD.	24
25	63.0	29.491	-.101	29.390	30.35	29.2	28.1	26	88	.136	30.0	26.9	SW	5			0	10	St.	N	Cloudy		P. McD.	25
26	59.0	29.800	-.091	29.709	30.68	27.0	25.4	23	81	.118	29.0	27.0	S	5			0	10	St.	S	Cloudy		P. McD.	26
27	61.5	29.534	-.097	29.437	30.40	27.2	26.7	26	94	.136	29.4	25.8	SE	5			0.2	10	Nb.	S	Lt. Snow		P. McD.	27
28	60.0	29.400	-.093	29.307	30.26	33.2	33.2	33	100	.187	34.0	32.8	SW	5			0	Dense	Fog	SW	Foggy		P. McD.	28
29	61.0	29.226	-.094	29.132	30.08	32.0	31.4	31	94	.172	34.5	32.0	E	7			T	10	Nb.	E	Lt. Snow		[illegible]	29
30	62.5	29.030	-.098	28.932	29.87	41.2	40.7	40	96	.247	42.0	34.3	SW	9			.02	10	Nb.	SW	Lt. Rain		[illegible]	30
31																								31
Sums		(a)	(a)	878.065	906.03	1005	963.3	910	2643	5.130	(a)	(a)	(a)	196	(a)	(a)	0.10	131	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.269	30.218	33.4	32.1	30.3	88.1	.171	(a)	(a)	(c) SW	6.5	(a)	(a)	(a)	4.4	(c) St. Cu	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:40 P. M. 90" MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Initials of Observer	Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor Pressure. ~~Initials of observer.~~ at 12:00 m. 90 mer.	Date.	By Hygrometer	Relative Humidity
			In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
NSB	1	66.0	29.534	-.109	29.425	30.31	32.2	29.7	26	74	.156	37.2	24.6	W	4			T	4	St.	W	Pr. Cloudy			.143	1	31	72
NSB	2	67.5	29.572	-.113	29.459	30.42	37.3	32.4	205	59	.130	41.1	32.0	SW	10			0	0	0	0	Clear			.124	2	39	52
NSB	3	67.5	29.578	-.113	29.465	30.41	49.0	42.8	36	60	.211	55.1	34.4	NE	2			0	0	0	0	Clear			.157	3	52	41
NSB	4	65.0	29.684	-.107	29.577	30.53	47.4	43.4	39	73	.237	56.1	33.0	E	7			0	0	0	0	Clear			.227	4	53	55
NSB	5	66.5	29.502	-.110	29.392	30.34	55.8	46.7	37	49	.219	66.0	35.0	SW	7			0	0	0	0	Clear			.211	5	64	35
NSB	6	67.0	29.478	-.111	29.367	30.31	58.0	48.6	39	60	.237	67.8	43.0	N	6			0	2	St.	NE	Clear			.195	6	65	32
NSB	7	67.5	29.530	-.113	29.417	30.37	44.4	39.7	34	67	.195	49.2	33.2	E	6			0	0	0	0	Clear			[illegible]	7	44	64
NSB	8	67.0	29.547	-.11[illegible]	29.4[illegible]	30.[illegible]	46.3	41.1	35	66	.203	52.7	3[illegible]	E	6			0	0	0	0	Clear			.201	8	49	61
NSB	9	67.0	29.422	-.111	29.31[illegible]	30.25	54.5	48.2	42	63	.266	61.1	37.0	E	3			0	Lt	Fog	-	Clear			23[illegible]	9	57	51
NSB	10	69.0	29.280	-.116	29.164	30.09	55.6	50.0	45	68	.298	62.4	35.0	E	1			0	Lt.	Fog	E	Clear	B. 630a E 930a B 3 p m E 8 p m	B N a E 630a B N a E 730a	.287	10	57	61
NSB	11	65.5	29.246	-.106	29.140	30.08	52.5	4[illegible]	12	70	.2[illegible]	56.0	35.1	N	3			T	8	St.	N	Cloudy	B 730a E 6:00p B 9 4 p E 6:00p	B N a E 730a B N a E 4 45 a	.298	11	52	78
NSB	12	69.5	29.374	-.117	29.257	30.21	39.4	38.8	38	95	.228	42.1	37.0	NE	12			T	10	St.	NE	Cloudy			.237	12	40	96
NSB	13	68.5	29.472	-.115	29.357	30.31	43.0	38.7	33	65	.197	49.8	37.2	NE	6			0	0	0	0	Clear			.195	13	45	65
NSB	14	67.5	29.471	-.113	29.358	30.31	42.6	41.0	39	87	.237	53.8	32.9	W	6			0	0	0	0	Clear			.180	14	50	50
NSB	15	66.0	29.321	-.108	29.213	30.[illegible]	38	[illegible]	35	8[illegible]	[illegible]	[illegible]	33.0	SW	7			0	0	0	0	Clear	B 830a E [illegible]	B 6:20a E 8:30a	.203	15	37	31
NSB	16	67.5	29.328	-.112	29.216	30.16	42.3	40.2	38	84	.228	45.8	37.4	SW	6			0	0	0	0	Clear			.195	16	[illegible]	77
NSB	17	66.0	29.290	-.108	29.182	30.11	55.5	50.5	46	71	.310	64.2	38.0	SW	5			0	0	0	0	Clear			.208	17	60	58
NSB	18	62.0	29.456	-.098	29.358	30.31	36.1	31.7	25	62	.130	51.5	35.5	N	7			0	0	0	0	Clear			.237	18	45	77
NSB	19	68.0	29.290	-.113	29.177	30.13	36.4	31.7	25	60	.130	41.0	24.2	SW	10			0	0	0	0	Clear			.118	19	36	56
NSB	20	65.5	28.932	-.106	28.826	29.75	49.7	43.5	36	60	.211	52.5	38.3	SW	4			0	2	St Cu	SW	Clear			.195	20	47	55
NSB	21	66.5	28.510	-.107	28.403	29.32	49.0	43.8	38	66	.228	52.8	36.3	SW	17			T	8	St Cu	SW	Cloudy	B N A E 9:00A		.247	21	45	73
NSB	22	66.0	28.928	-.107	28.821	29.76	29.5	27.8	25	81	.130	37.0	29.5	NW	12	28	NW	.05	10	St.	NW	Cloudy			[illegible]	22	[illegible]	[illegible]
NSB	23	70.0	29.215	-.118	29.097	30.00	20.0	16.7	14	74	.077	24.0	2[illegible]	V	[illegible]			T	4	St Cu	NW	Pr. Cloudy			.066	23	22	57
NSB	24	68.0	29.404	-.114	29.290	30.26	30.0	27.4	23	72	.118	30.0	14.2	W	5			T	9	St Cu	W	Cloudy			.108	24	29	67
NSB	25	60.0	29.636	-.093	29.543	30.50	29.0	25.9	20	66	.103	33.4	29.0	N	2			T	0	0	0	Clear			.150	25	33	80
NSB	26	66.5	29.744	-.111	29.633	30.60	29.4	26.2	20	65	.103	34.1	27.0	SE	6			0	10	St.	SE	Cloudy			.097	26	33	52
NSB	27	64.0	29.386	-.103	29.283	30.24	34.0	32.6	30	87	.164	34.0	27.2	W	6			.03	Dense 10	Fog St	W	Foggy	B 11:30 A E 3:00 P	A 30 a E 9:[illegible]	.147	27	32	79
NSB	28	64.0	29.390	-.103	29.2[illegible]5	30.23	34.5	30.8	25	66	.130	35.8	33.2	SE	4			0	Lt	Fog	SE NE	Cloudy	B 10:[illegible] E 3:30 p	B 2:[illegible] E 10:[illegible]	[illegible]	28	36	82
NSB	29	63.0	29.143	-.100	29.043	29.99	34.5	32.0	28	77	.150	34.5	32.0	E	4			.02	10	St.	E	Cloudy			.197	29	33	85
NSB	30	64.0	29.135	-.102	29.033	29.97	40.6	38.2	35	81	.203	43.2	40.6	W	10			.03	10	St.	NW	[illegible]			.237	30	43	85
	31																									31		
(a)	Sums	(a)	(a)		877.530	905.94	12467	11263	973	2110	5.668	(a)	(a)	(a)	190	(a)	(a)	0.13	97	(a)	(a)	(a)	7		5.674	(a)	1310	1984
	Means	(a)	(a)		29.251	30.198	41.6	37.5	32.4	70.3	.189	(a)	(a)	(c) SW	6.3	(a)	(a)	(a)	3.2	(c) St.	(c) SE W NW	(a)	(a)	(a)	.189	(a)	43.7	[illegible]

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1917

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	37	24	13	0	30				Sm	2:30p	2:45p										T								1
2	41	31	10	6	36																0				0	0			2
3	55	34	21	8	44																0				0	0	0	0	3
4	56	33	23	0	44																0				0	0	0	0	4
5	66	33	33	6	50																0				0	0	0	0	5
6	68	40	28	4	54																0				0	0	0		6
7	49	33	16	13	41																0				0	0	0	0	7
8	53	31	22	1	42																0				0	0			8
9	61	37	24	7	49																0				0	0	0		9
10	62	35	27	1	48																0				0	0	0	0	10
11	56	34	22	3	45				R.	3:45p.	3:50p.										T				0	0	0	0	11
12	42	37	5	5	40				R.	3:45p.	4:10p.	R.	5:10p.	6:30p.	R.	9:00p.	INP.				T				0	0	0	0	12
13	50	36	14	3	43																0				0	0	0	0	13
14	54	33	21	1	44																0				0	0			14
15	40	33	7	8	36																0				0	0	0	0	15
16	46	36	10	5	41																0				0	0	0	0	16
17	64	38	26	10	51																0				0	0	0	0	17
18	52	31	21	9	42																0				0	0	0	0	18
19	41	24	17	10	32																0				0	0			19
20	52	34	18	11	43																0				0	0	0		20
21	53	36	17	1	44				R	11:50A	11:52A	R	1:45p	1:55p	R	4:55p	5:25p	R	7:45p	--	.02				0	0	0	0	21
22	43	27	16	9	35				R.	--	9:20A	Sm	9:20A	1:25p							.09				0	T	T	T	22
23	27	17	10	13	22				Sd	6:30A	11:45A										T				0	T	T	T	23
24	30	14	16	0	22				Sm	1:55p.	3:05p										T				0	T	T	T	24
25	33	27	6	8	30				Sd	7:03A	9:45A	Sm	12:25p	2:05p							T				0	T	T	T	25
26	34	27	7	0	30																0				0	0	0	0	26
27	34	26	8	0	30				Sm	INA.	7:10A	R.	3:05p.	5:20p.							.05				0	03	T	02	27
28	36	33	3	4	34																0				0	0	T		28
29	37	37	5	0	34				R	6:15a	10:00a										.02				0	0			29
30	43	36	7	6	40				T	3:40a	9:45a										.05				0	0	0		30
31																													31
S	1415	942	473	152	1176		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.23		Total excess or deficiency since January 1,		0	0.3	(a)	(a)	(a)
M	47.2	31.4	15.8	5.1	39.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Estimated

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SUMMARY FOR THE MONTH OF November, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .007)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.269	29.25	29.260	29.740	26	28.370	22	1.370	30.218	30.198	30.208	30.71	26	29.2[illegible]	22	[illegible]
Corrected mean		29.253						Corrected mean		30.201	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
33.4	41.6	37.5	32.1	37.5	34.8	47.2	31.4	39.3				68	6	14	24	54	33	5	3	28

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
30.3	32.4	31.4	88.1	70.3	79.2	.171	.189	.180	2	0	12	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4799	6.7	SW	28	NW	22	7	5	13	3	2	19	8	3	5

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.4	3.2	5.1	51	12	7	11	0	0	5

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	10, 11, 12, 15, 21, 27, 29	10, 11, 12, 15, 27, 28	8, 9, 10	8, 9	9, 10	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.23	0.11	21-22		None			None		6	5	3	0	0	11	6	1	0.3	0

Φ (w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

Φ Tipping bucket gage not exposed during month

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Tipping bucket rain gage not exposed during month																				

* The duration is the time precipitation was actually recorded.

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Prepared by C. S. Baker, C. M. Dougherty, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1917

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
22	4 am 00	3 am 00				28.370	29.29	42.0																	22
26	10 am 00	9 am 00				29.740	30.71	30.0																	26

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, *191*7

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 9366; No. of wet thermometer in use, 5965; No. of maximum thermometer in use, 15042; No. of minimum thermometer in use, 105146

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date ——; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -017; date and observation upon which use of station barometer commenced, May 20 1911 7 am, station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Berry & Calhoun street, room 911-912; first observation taken in present office, 7:00 a.m. May 20, 1911

*Cancel words that are not appropriate. †To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1917

Number of Station barometer, 656; sum of corrections, -0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO ..... A. M. ..... MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; ..... A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	61.0	29.282	-.095	29.187	30.13	34.4	30.9	25	67	.130	40.6	33.1	W	6			0	9	St.	NW	Cloudy		[illegible]	1
2	62.5	29.328	-.099	29.229	30.17	29.8	26.3	20	62	.103	35.8	29.8	E	7			0	4	Ci. St.	NW	Pt. Cloudy		[illegible]	2
3	59.5	29.081	-.090	28.991	29.94	35.8	32.7	28	72	.150	36.5	34.0	N	6			0	10	St.	N	Cloudy		[illegible]	3
4	[illegible]	[illegible]	-.094	29.148	[illegible]	33.6	30.3	25	69	.130	37.0	31.2	N	2			0	9	St. Cu	N	Cloudy		[illegible]	4
5	62.5	29.196	-.098	29.098	30.05	31.0	29.7	28	86	.150	36.2	29.8	NW	6			0	10	St. Cu	NW	Cloudy		[illegible]	5
6	63.0	29.225	-.100	29.125	30.08	21.0	20.5	19	93	.098	27.4	19.5	NE	5			.09	10	Nb.	NE	Lt. Snow		[illegible]	6
7	61.5	29.372	-.096	29.276	30.25	15.3	14.0	10	77	.063	23.0	13.8	0	0			0	2	Ci. Cu	0	Clear		[illegible]	7
8	62.0	28.808	-.096	28.712	29.66	21.6	21.0	19	92	.098	24.7	19.9	N	7			.15	10	Nb.	N	Lt. Snow		[illegible]	8
9	56.0	28.992	-.081	28.911	29.90	-6.0	-6.5	-11	78	.021	6.0	-6.0	SW	17	27	W	T	2	Ci. St.	NW	Clear		[illegible]	9
10	51.0	29.386	-.069	29.317	30.32	-6.0	-6.4	-10	83	.022	2.0	-7.2	SW	12	28	W	0	3	St.	SW	Clear		[illegible]	10
11	55.0	29.675	-.080	29.595	30.61	-5.2	-6.0	-12	67	.020	1.6	-5.8	SW	6			0	0	0	0	Clear		[illegible]	11
12	60.0	29.470	-.093	29.377	30.37	1.6	0.4	-6	64	.028	9.0	-1.4	S	5			0	3	Ci. St.	NW	Clear		[illegible]	12
13	62.0	29.126	.097	29.029	30.00	13.3	12.6	11	87	.066	16.4	11.8	E	6			.06	10	Nb.	E	Lt. Snow		NSB	13
14	61.0	29.264	-.095	29.169	30.14	8.2	7.6	5	86	.049	9.4	0.8	W	5			.01	10	Nb.	W	Lt. Snow		NSB	14
15	61.0	29.640	-.096	29.544	30.54	-6.6	-8.0	-23	38	.011	10.0	-7.0	SW	5			0	Lt	Smoke	SW	Clear		[illegible]	15
16	64.0	29.650	-.104	29.546	30.54	11.8	11.3	9	90	.060	12.0	9.7	E	6			.08	10	Nb.	E	Lt. Snow		NSB	16
17	58.0	29.744	-.088	29.656	30.65	3.2	2.8	1	89	.040	16.5	3.0	E	5			0	10 Lt.	St Fog	E	Cloudy		NSB	17
18	62.5	29.507	-.099	29.408	30.38	22.8	21.6	19	84	.098	23.8	14.0	S	9			0	9	St. Cu	SW	Cloudy		NSB	18
19	65.0	29.384	-.106	29.278	30.23	35.2	34.7	34	95	.195	37.6	34.1	SW	10			T	Dense 10	Fog Nb.	SW	Foggy		NSB	19
20	62.0	29.278	-.098	29.180	30.12	38.8	38.0	37	93	.219	38.8	36.2	SW	12	25	SW	T	Dense 10	Fog Nb.	SW (?) SW (?)	Lt. Rain		NSB	20
21	61.5	29.220	-.096	29.124	30.06	41.0	40.4	40	95	.247	43.0	40.6	W	12			T	Dense	Fog	W	Lt. Rain		NSB	21
22	62.0	29.590	-.098	29.492	30.46	20.1	17.0	8	55	.057	30.0	19.8	NE	4			0	0	0	[illegible]	Clear		NSB	22
23	64.0	29.266	-.103	29.163	30.10	35.7	33.2	30	78	.164	35.7	28.2	S	8			T	10	Nb.	S	Lt. Snow		NSB	23
24	59.0	28.991	-.089	28.902	29.83	47.8	44.6	41	78	.256	47.8	39.6	SW	14			T	9	St. Cu	SW	Cloudy		NSB	24
25	59.0	29.642	-.091	29.551	30.52	18.8	15.9	7	56	.054	33.2	18.5	N	12			0	2 6	Ci. St. St.	NW N	Cloudy		NSB	25
26	63.0	29.859	-.102	29.757	30.75	12.0	9.1	-4	43	.031	19.0	11.6	NE	4			0	3	St	NE	Clear		NSB	26
27	63.0	29.556	-.101	29.455	30.43	21.4	19.8	16	77	.085	21.4	17.2	SE	6			0	9	St	SE	Cloudy		NSB	27
28	61.0	29.576	-.095	29.481	30.45	12.0	10.0	2	60	.042	33.2	12.0	N	15			0	9	St	NW	Cloudy		NSB	28
29	64.0	29.812	-.104	29.708	30.72	1.2	0.7	-2	84	.034	6.0	0.2	N	6			.03	0	0	0	Clear		NSB	29
30	61.5	29.730	-.097	29.633	30.63	0.2	-1.0	-9	61	.023	10.4	0.0	S	5			0	2	Ci. St	W	Clear		NSB	30
31	54.0	29.450	-.077	29.373	30.35	8.5	8.1	6	91	.057	10.2	7.8	SE	3			T	10	St.	SE	Cloudy		NSB	31
Sums		(a)	(a)	919.415	938.48	552.3	505.3	363	2350	2.796	(a)	(a)	(a)	226	(a)	(a)	0.42	201	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.304	30.274	17.8	16.3	11.7	75.8	.090	(a)	(a)	(c) SW	7.3	(a)	(a)	(a)	6.5	(c) St.	(c) SW NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 191

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90th MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Vapor Pressure. Initials of observer.	Date.		
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.										
1	66.0	29.336	-.108	29.228	30.17	35.8	32.3	27	69	.143	38.6	33.0	N	4			0	9	St&Cu	N	Cloudy			.124	1	37	58
2	60.0	29.106	-.091	29.015	29.97	36.5	33.0	28	70	.150	40.2	29.8	NE	12			0	0	0	0	Clear			.156	2	38	59
3	65.0	29.269	-.105	29.164	30.10	37.0	33.2	27	68	.143	41.2	35.8	N	7			0	10	St	NW	Cloudy			[illegible]	3	[illegible]	[illegible]
4	65.5	29.184	-.114	29.070	30.02	36.2	32.2	26	65	.136	40.4	33.6	SW	6			0	2	St&Cu	SW	Clear			.124	4	39	52
5	67.0	29.248	-.110	29.138	30.09	27.4	25.0	21	72	.108	31.0	27.4	NW	3			0	0	0	0	Clear			.066	5	28	44
6	67.0	29.292	-.111	29.181	30.14	23.0	21.0	16	73	.085	27.3	20.6	NE	6			T	0	0	0	Clear			.085	6	26	64
7	68.0	29.295	-.113	29.182	30.14	24.7	22.5	18	72	.093	28.2	15.3	NE	2			0	10	St.	NE	Cloudy	B7:10A E8:00A	B8:00A E9:15A	.070	7	26	52
8	66.0	28.873	-.107	28.786	29.75	6.0	5.0	0	75	[illegible]	23.1	6.0	W	3	31	NW	.06	8	Nb.	W	Lt. Snow			.093	8	21	86
9	56.0	29.024	-.081	28.943	29.93	2.0	1.2	-3	76	.032	5.0	-6.0	SW	20	28	SW	.01	0	0	0	Clear			.028	9	1	69
10	61.5	29.[illegible]	-.097	29.329	30.52	1.[illegible]	0.[illegible]	-3	[illegible]	[illegible]	5.2	-6.0	SW	11			0	0	0	0	Clear			.028	10	4	60
11	66.1	29.6[illegible]	-.109	29.491	30.49	9.0	6.[illegible]	-1	57	.051	15.3	-1.2	SE	6			0	0	0	0	Clear			.074	11	12	41
12	68.5	29.415	-.115	29.30[illegible]	30.28	16.4	15.0	11	76	.061	20.4	1.2	S	6			0	0	0	0	Clear	B8:30a E10:10a	B7:12a E8:30a	.029	12	12	41
13	68.0	29.220	-.113	29.107	30.08	9.4	5.2	3	78	.044	5.0	9.4	NW	9			.12	0	0	0	Clear			.074	13	17	84
14	67.5	29.360	-.112	29.248	30.22	10.0	9.0	5	[illegible]	[illegible]	15.2	8.2	W	12			.04	0	0	0	Clear			.066	14	15	82
15	70.0	29.12[illegible]	-.120	29.6[illegible]	31.6[illegible]	12.0	11.6	1	[illegible]	[illegible]	15.[illegible]	-7.6	E	5			0	9	St&Cu	E	Cloudy			[illegible]	15	12	41
16	60.5	29.[illegible]	-.093	29.607	30.17	16.[illegible]	12.7	4	5[illegible]	.047	23.1	11.8	NE	2			.05	0	0	0	Clear			.054	16	19	5[illegible]
17	68.0	29.638	-.115	29.515	31.40	19.0	18.0	15	85	.081	24.8	3.1	SE	4			0	0	0	0	Clear	BTNA E4:45p		.060	17	17	67
18	70.5	29.446	-.121	29.325	30.28	37.[illegible]	35.[illegible]	32	[illegible]	[illegible]	38.[illegible]	22.8	SW	13			0	10	St	SW	Cloudy			.136	18	36	65
19	65.5	29.321	-.107	29.214	30.[illegible]	37.[illegible]	36.1	36	[illegible]	.211	38.0	35.2	SW	18			0	10 / 2x	St. / Sq	SW / SW	Cloudy	B1:30p E8:N.a	B:D.N.a E1:30p. B:D.N.a E7:30a	.203	19	37	91
20	63.5	29.154	-.101	29.053	29.99	43.0	40.0	36	78	.211	48.2	38.8	SW	18			T	0	0	0	Clear			.237	20	41	92
21	60.0	29.5[illegible]	-.109	29.421	30.38	30.0	28.0	25	78	.130	41.0	30.0	N	12			T	1	Ci&Cu	W	Clear	B7:25A E9:30A	BTNA E7:25A	.157	21	54	51
22	75.5	29.[illegible]	-.118	29.392	30.36	30.0	27.2	22	70	.113	33.0	20.1	SE	9			0	3	Ci.St	NW	Clear			.013	22	50	57
23	60.0	29.103	-.091	29.012	29.95	39.8	37.2	34	79	.195	41.0	35.7	S	12			.01	10	St.	S	Cloudy			.203	23	37	91
24	62.5	29.323	-.099	29.224	30.16	33.2	30.8	27	77	.143	49.8	33.2	N	16			T	10	St.	N	Cloudy			.237	24	43	84
25	67.0	29.817	-.118	29.699	30.68	19.0	16.1	8	56	.057	23.6	18.0	N	4			0	0	0	0	Clear			[illegible]	25	22	59
26	70.0	29.764	-.120	29.644	30.63	20.4	18.4	13	70	.074	24.2	12.0	E	7			0	0	0	0	Clear			.066	26	22	59
27	69.5	29.336	-.117	29.219	30.18	33.2	31.1	28	79	.150	33.3	24.4	SW	15			0	10	St.	SW	Cloudy			.124	27	29	77
28	71.0	29.760	-.123	29.637	30.63	6.0	4.3	-4	58	.031	12.0	6.0	N	15			0	10	St.	N	Cloudy			.032	28	9	55
29	68.0	29.840	-.115	29.725	30.74	10.4	8.2	-2	54	.034	12.2	1.2	N	3			0	0	0	0	Clear			.036	29	11	5[illegible]
30	58.0	29.526	-.087	29.439	30.43	10.2	9.6	7	87	.054	12.2	0.2	NE	9			T	10	St.	NE	Cloudy			[illegible]	30	1	57
31	62.0	29.432	-.098	29.334	30.36	13.0	10.8	2	58	.042	14.0	5.5	N	3			T	4	St.&Cu.	N	St. Cloudy			.042	31	12	41
Sums	(a)	(a)	(a)	908.496	938.52	685.9	620.1	456	2209	2943	(a)	(a)	(a)	303	(a)	(a)	0.29	126	(a)	(a)	(a)	6	5	.0915	(a)	737	1984
Means	(a)	(a)	(a)	29.306	30.275	22.1	20.0	14.7	71.3	.095	(a)	(a)	(c) N	9.8	(a)	(a)	(a)	4.1	(c) St.	(c) SW	(a)	(a)	(a)	.094	(a)	23.8	64.0

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 191[illegible]

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	39	33	6	4	36																0				0	0	0	0	1
2	40	30	10	1	35																0				0	0	0	0	2
3	[illegible]	33	9	2	37																0				0	0	0	0	3
4	[illegible]	32	8	1	36																0				0	0	0	0	4
5	33	23	10	8	28				Sd	8:25p	---										Ø.03				0	0	0	Ø.03	5
6	27	19	8	5	23				Sd	---	8:45a										Ø.06				0	0	0.2	Ø.06	6
7	28	[illegible]	14	2	[illegible]																0				0	0	0.2	0	7
8	23	-2	25	11	10				Sd	HNA	7:40p										2.[illegible]				[illegible]	[illegible]	2.[illegible]	2.[illegible]	8
9	5	-6	11	10	2				Sd	10:05a	2:[illegible]										0.[illegible]				0	-	0	0.[illegible]	9
10	6	-1	12	2	2																0				0	0	2.1	0	10
11	13	-6	19	4	4																0				0	0	2.1	0	11
12	20	-1	21	6	10																0				0	0	2.1	0	12
13	15	0	15	0	10				Sm	HNA	2:[illegible]p										.18				0	1.9	4.0	.18	13
14	16	1	15	2	8				Sd	HNA	12:30p										.05				0	0.6	4.1	.05	14
15	15	-8	23	4	4				Sd	9:50p	---										Ø.03				0	0	4.6	Ø.03	15
16	23	10	13	12	16				Sd	---	9:20A										Ø.10				0	1.3	5.[illegible]	.10	16
17	26	3	23	2	14																0				0	0	5.6	0	17
18	38	14	24	12	26																0				0	0	1.4	0	18
19	38	34	4	10	36				R	HNa	6:30a	R	9:30p	D.N.p.							T				0	0	T	0	19
20	43	36	12	6	42				R	D.N.a	7:45a										T				0	0	0	0	20
21	43	25	18	8	34				R	HNA	7:45a										T				0	0	0	0	21
22	33	20	13	8	26																0				0	0	0	0	22
23	45	30	15	12	38				Sm	6:20A	10:00A	R	10:00A	11:45A							.01				0	T	0	T	23
24	50	28	22	1	39				R	HNA	HNA	R	11:45A	12:35A							T				0	0	0	0	24
25	28	13	15	19	20																0				0	0	0	0	25
26	24	12	12	2	18																0				0	0	0	0	26
27	33	17	16	7	25																0				0	0	0	0	27
28	32	4	28	7	18				Sd	8:15p.	HNP.										.03				0	0	0	.03	28
29	12	0	12	12	6																0				0	0.3	0.3	0	29
30	12	0	12	0	6				Sd	3:05p	3:30p										T				0	T	0.2	T	30
31	14	8	6	5	11				Sd	HNa	6:15a	Sd	7:15a	12:10p							T				0	T	0.2	T	31
S	862	412	450	183	637		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.71		Total excess or deficiency since January 1,		0	7.1	(a)	(a)	(a)
M	27.8	13.3	14.5	5.9	20.5	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

Saturday

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

 Ø Estimated

SUMMARY FOR THE MONTH OF December, 1917

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .006.)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.304	29.306	29.305	29.790	26	28.540	8	1.250	30.274	30.275	30.274	30.78	26	29.48	8	1.30
Corrected mean		29.299						Corrected mean		30.268	3,500-ft			10,000-ft	

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
17.8	22.1	20.0	16.3	20.0	18.2	27.8	13.3	20.6				50	24	-8	15	58	28	28	4	19

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
11.7	14.7	13.7	75.8	71.3	73.6	.090	.095	.092	18	0	26	—

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6516	8.8	SW	31	NW	8	14	7	6	6	6	17	5	3	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.5	4.1	5.9	52	8	10	13	0	5	5

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	22	7, 12, 17, 19, 20, 21,	7, 12, 19, 20, 21	0	0	15	7, 15, 30	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.71	0.21	8"		None			none		6	10	5	0	0	16	12	9	7.1	0.2

Ø (w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —;

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —.

Ø Self-recording gage not exposed during month.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Self-recording gage not exposed during month.																				

* The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Baker, T. McDonough, L. F., Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 191

Number of Station barometer, ; sum of corrections, inch.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
8	12 00 noon	11 00 A.M.	67.5	28.670	-.110	28.560	29.50	23.1	22.5	22	1	92	23.1	NW	16			.04	10	Nb	NW	Lt Snow	Ordered by C.O.	BMH.	8
24	1 00 p.m.	12 00 noon	62.0	[illegible]	-.091	28.973	[illegible]	43.4	41.2	39	4	84	49.8	NW	20	20	NW	T	0	No	NW	Lt. Rain	Indicated by C.O.	MSS.	24
8	2 00 p.m.	[illegible]				[illegible]	29.48	21.[illegible]																	8
[illegible]	10 [illegible]	9.8 a.m.				29.99	30.78	15.0																	[illegible]

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1002—Met'l.

U. S. Department of Agriculture,
WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1917

STATION

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 1917

Street, Corner of Berry & Calhoun

Number, 911-912 Shoaff Bldg.

Room, 911-912

SUM OF BAROMETER CORRECTIONS.

From 8.00 *a.m.* Jan. 1 *to* 8.00 *p.m.* Dec. 31 *inc.,* -.009 *in.*

From — *m.* — *to* — *m.* — *inc.,* — *in.*

From — *m.* — *to* — *m.* — *inc.,* — *in.*

ANNUAL METEOROLOGICAL SUMMARY FOR 1917.—STATION Fort Wayne, Indiana

Latitude N. 41° 5'. Longitude W. 85° 10'. Local time — h. 41 min. (t) slower than 75th meridian time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 856 Feet. Mean. 8 a. m. (c)	Mean. 8 p. m. (c)	Mean. Corrected monthly. (c)	Highest observed. (c)	Date.	Lowest observed. (c)	Date.	Absolute range. (c)
	In.	In.	In.	In.		In.		In.
Jan.,	29.100	29.091	29.091	29.850	15	28.330	21	1.520
Feb.,	29.112	29.122	29.112	29.780	12	28.525	4	1.255
Mar.,	29.125	29.088	29.101	29.560	1	28.480	23	1.080
April,	29.095	29.058	29.071	29.460	3	28.420	5	1.040
May,	29.022	28.998	29.005	29.281	3	28.380	22	0.901
June,	29.119	29.085	29.098	29.433	17	28.740	6	0.693
July,	29.076	29.041	29.055	29.250	5	28.710	12	0.540
Aug.,	29.132	29.088	29.106	29.310	31	28.690	23	0.620
Sept.,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oct.,	29.118	29.086	29.096	29.460	6	28.580	29	0.410
Nov.,	29.269	29.251	29.253	29.740	26	28.370	22	1.370
Dec.,	29.304	29.306	29.299	29.790	26	28.540	8	1.250
Sum,	349.724	349.409	349.506	Highest.	Date. Jan	Lowest. —	Date. Jan	11.839
Mean,	29.144	29.117	29.126	29.850	15	28.330	21	0.987

MONTH.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet. Mean. 8 a. m. (d)	Mean. 8 p. m. (d)	From Self-Registering Instruments. Mean. Max. (d)	Mean. Min. (d)	Mean. Monthly. (d)	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Range. Mean daily. (d)	Mean daily change. (d)	No. of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.
	°	°	°	°	°	°		°		°	°	°			
Jan.,	21.7	27.6	34.3	17.0	25.6	48	21	-4	26	52	17.3	6.0	13	0	28
Feb.,	17.3	22.9	30.0	11.6	20.8	68	26	-9	12	67	18.5	8.5	17	0	28
Mar.,	33.4	40.3	46.8	29.2	38.0	71	26	12	5	59	17.6	6.5	5	0	22
April,	41.0	49.4	55.4	37.3	46.4	83	18	28	14	60	18.1	6.1	0	0	0
May,	48.4	56.3	62.4	44.0	53.2	85	18	33	9	52	18.4	4.2	0	0	0
June,	61.6	68.2	75.4	56.5	66.0	89	26	40	16	49	18.9	4.4	0	0	[illegible]
July,	67.0	73.0	81.6	62.4	72.0	95	31	50	11	45	19.3	~~2.6~~ 2.8	0	4	0
Aug.,	64.1	72.8	80.3	60.3	70.3	95	1	50	25	45	20.0	4.2	0	3	0
Sept.,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84	1	39	11	45	21.4	[illegible]			
Oct.,	40.2	45.7	51.8	36.5	44.2	67	3	23	30	44	15.4	5.1	1	0	8
Nov.,	33.4	41.6	47.2	31.4	39.3	68	6	14	24	54	15.8	5.1	2	0	12
Dec.,	17.8	22.1	27.8	13.3	20.6	58	24	-8	15	58	14.5	5.9	18	0	26
Sum,	500.1	587.3	666.6	450.8	558.4	Max. —	Date. July	Min. —	Date. Feb.	630	215.2	62.6	56	7	134
Mean,	41.7	48.9	55.5	37.6	46.5	95	31	-9	12	52	17.9	5.2	a	a	a

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

MONTH.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES.						DEW-POINT.			RELATIVE HUMIDITY (Percentage).			VAPOR PRESSURE.			PRECIPITATION. (Amount in inches and hundredths.) ELEVATION OF TOP OF GAGE ABOVE GROUND DEC. 31, 107 FEET.									SNOWFALL (total depth)
	SEA-LEVEL.		3,500-FOOT.		10,000-FOOT.		MEAN.			MEAN.			MEAN.			TOTAL AMOUNT.	GREATEST AMOUNT IN ANY 24 CONSECUTIVE HOURS.		EXCESSIVE. 2.50 inches in 24 hours. (g) (h)			EXCESSIVE. 1 inch per hour. (g)			
	Pressure. (c)	Temperature. (d)	Pressure. (b)	Temperature. (d)	Pressure. (b)	Temperature. (d)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (e)	8 p. m. (e)	Monthly. (e)	8 a. m. (c)	8 p. m. (c)	Monthly. (c)		Amt.	Date.	Amt.	Dur't'n. (h. &m.)	Date.	Amt.	Dur't'n. (h. &m.)	Date.	
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	30.049						18	22	20	82	78	80	.108	.125	.116	1.80	0.80 ~~0.78~~	4-5		None			None		8.3
Feb.,	30.076						13	15	14	81	70	76	.091	.098	.094	0.52	0.32	23		None			None		2.8
Mar.,	30.049						27	31	29	77	71	74	.156	.183	.170	3.71	1.12	10-11		None			None		0.7
April,	30.006						35	36	35	78	60	69	.212	.226	.219	3.47	1.25	4-5		None			None		T
May,	29.931						40	42	41	73	62	68	.256	.282	.269	4.00	2.44	21-22		None			None		0
June,	30.016						57	57	57	84	70	77	.469	.481	.475	4.63	1.64	22-23		None		1.00	1:00	23	0
July,	29.965						61	62	62	82	66	74	.556	.577	.566	4.98	2.04	6-7		None			None		0
Aug.,	30.019						58	57	58	81	61	71	.485	.483	.484	4.55	1.61	13		None		1.00	0:36		0
Sept.,	30.147						49	50	50	82	61	71	.354	.378	.366	0.60	0.26	7		None			None		0
Oct.,	30.034						34	37	36	79	73	76	.204	.232	.218	1.57	2.56	18	2.56 2.54	14:25 24:00	18 18-19		None		5.0
Nov.,	30.201						30	32	31	88	70	79	.171	.184	.180	0.23	0.11	21-22		None			None		0.3
Dec.,	30.268						12	15	13	76	71	74	.090	.095	.092	0.71	0.21	8		None			None		7.1
Sum,	360.761						431	456	446	963	8[illegible]	887	3.152	3.349	3.249	36.7[illegible]	a	a	a	a	a	a	a	a	25.[illegible]
Mean,	30.063						36	38	37	80	68	74	.263	.279	.271	a	2.56	Dec 18	a	a	a	a	a	a	a

b To hundredths. g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station .....

Month.	Mean Cloudiness. (0 to 10.) 8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	6.1	4.7	6.0	139.7	298.2	47	8167	SW	45	SW	21	1	3	6	4	4	13	22	7	4	0	7	11	13	13	7	11	8	0	2	0	0
Feb.,	5.6	5.0	6.5	147.5	298.2	49	8394	SW	40	W	4	1	3	4	3	3	5	23	7	8	0	5	11	12	5	3	12	4	0	1	1	0
Mar.,	5.8	6.1	6.7	176.8	370.8	48	10,416	SW	48	SW	17	6	5	5	2	6	12	17	8	7	0	6	7	18	13	9	7	5	1	0	6	0
April,	6.1	6.3	6.8	178.6	399.9	43	7880	NW	39	S	20	0	6	9	9	3	8	10	4	12	0	6	5	19	10	6	1	0	0	0	2	0
May,	4.9	6.7	6.1	194.1	449.0	43	8305	NW	46	SW	1	1	11	6	3	2	4	13	7	16	0	8	10	13	12	10	0	0	1	0	6	0
June,	5.4	6.0	6.2	238.2	452.0	53	6511	SW	39	W	2	0	7	3	6	2	12	17	6	6	1	5	13	12	14	13	0	0	0	0	10	0
July,	3.9	4.7	4.7	297.9	458.3	65	5645	SW	31	SW	6	0	6	7	7	1	7	20	8	6	0	9	18	4	11	9	0	0	1	1	12	0
Aug.,	3.1	5.9	4.2	320.8	426.9	75	5183	SW	48	SW	5	1	10	8	10	1	5	14	4	10	0	14	13	4	10	6	0	0	0	1	4	[illegible]
Sept.,	3.2	2.8	[illegible]	306.1	374.0	[illegible]	[illegible]	NE	33	NW	29	0	7	19	7	7	7	7	3	3	0	18	10	2	5	5	0	0	0	1	3	0
Oct.,	7.8	7.4	7.0	108.5	344.1	30	6060	NW	57	SW	26	0	5	2	4	7	19	10	9	6	0	1	14	16	17	14	5	4	0	0	4	0
Nov.,	4.4	3.2	5.1	151.3	297.0	51	4799	SW	28	NW	22	0	7	5	13	3	2	19	8	3	0	12	7	11	5	3	6	1	0	6	0	0
Dec.,	6.5	4.1	5.9	148.8	287.3	52	6516	NW	31	NW	8	0	14	7	6	6	6	14	5	3	1	8	10	13	10	5	12	9	0	5	0	0
Sum,	62.9	62.9	69.0	2403.3	4458.7	638	83521	a	a	a	a	10	83	80	74	45	100	186	76	84	2	99	129	137	125	90	54	31	3	17	46	0
Mean,	5.2	5.2	5.8	200.3	371.3	53	a	SW	48	SW	j Mar 17	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. j One entry only. * From sunrise to sunset.

Standard of time in local use, 90° meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a.m.	2 a.m.	3 a.m.	4 a.m.	5 a.m.	6 a.m.	7 a.m.	8 a.m.	9 a.m.	10 a.m.	11 a.m.	12 Noon.	1 p.m.	2 p.m.	3 p.m.	4 p.m.	5 p.m.	6 p.m.	7 p.m.	8 p.m.	9 p.m.	10 p.m.	11 p.m.	12 Mid't.	For the Month.
Jan.,	11.2	11.2	11.3	10.6	10.4	9.8	10.4	10.9	10.5	11.4	11.9	12.0	13.0	12.0	11.8	10.5	10.0	9.3	9.7	10.7	11.2	11.2	11.4	11.1	11.0
Feb.,	12.0	11.9	12.4	11.8	11.5	10.9	11.4	12.0	12.7	12.9	13.1	13.0	14.3	14.3	14.2	14.0	13.5	12.0	12.2	12.4	11.9	11.9	11.9	11.6	12.5
Mar.,	11.7	12.2	11.7	12.2	~~11.5~~ 11.5	~~11.5~~ 11.5	12.7	13.9	15.0	~~15.0~~ 15.5	16.5	17.2	17.5	16.9	17.4	16.8	14.9	14.2	12.9	13.6	13.3	12.2	12.6	12.1	14.0
April,	8.9	8.4	8.9	8.7	9.0	8.7	9.7	10.8	11.1	11.7	12.1	12.1	13.2	13.9	14.3	14.7	13.8	12.2	10.8	10.2	10.0	10.1	9.8	9.5	10.9
May,	9.7	9.6	9.3	9.7	9.3	8.8	9.9	11.0	11.6	13.3	13.5	13.8	14.3	14.1	13.9	13.6	13.7	12.1	9.9	9.9	9.8	9.0	9.0	8.8	11.2
June,	6.6	7.2	7.1	7.3	6.9	6.9	7.7	8.8	9.8	10.9	11.3	12.5	12.1	12.3	12.6	12.0	11.2	9.2	7.8	7.3	7.2	7.4	7.6	7.2	[illegible]
July,	6.0	6.9	6.8	6.2	5.9	5.9	6.8	7.7	8.1	8.6	9.0	9.3	10.1	10.6	10.8	9.5	9.1	7.8	6.2	6.1	6.2	6.2	6.2	6.0	7.6
Aug.,	5.3	5.1	5.3	4.9	[illegible]	[illegible]	[illegible]	6.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Sept.,	5.8	5.7	5.9	5.8	5.7	[illegible]	5.7	6.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.9	7.7	6.5	6.8	6.5	6.8	6.2	6.2	5.9	[illegible]
Oct.,	7.9	8.0	8.1	8.1	8.2	8.0	7.7	8.8	10.0	10.8	10.9	10.5	11.5	11.7	11.1	10.0	9.0	8.0	7.8	7.7	7.8	7.6	7.6	8.0	8.9
Nov.,	5.7	6.1	6.0	6.2	6.5	6.7	6.2	6.5	7.1	7.4	7.8	7.4	7.6	7.8	7.8	6.8	6.2	6.1	6.0	6.2	6.3	6.2	5.6	6.5	6.7
Dec.,	8.4	8.0	7.8	7.5	7.5	7.4	7.7	7.4	8.4	9.5	9.5	9.5	10.1	10.2	10.3	9.7	9.6	9.0	9.2	8.9	9.0	8.5	8.7	8.8	8.8
Sum,	99.2	100.3	100.6	99.0	97.8	95.9	101.3	111.0	119.2	127.8	133.1	135.3	142.5	142.7	143.2	135.8	127.2	113.9	105.7	105.3	105.4	102.6	103.1	100.6	114.6
Mean,	8.3	8.4	8.4	8.2	8.2	8.0	8.4	9.2	9.9	10.6	11.1	11.3	11.9	11.9	11.9	11.3	10.6	9.5	8.8	8.8	8.8	8.6	8.6	8.4	9.6

Station Fort Wayne, Ind. Standard of time in local use, 90° meridian.

MONTH.	MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)																								FOR THE MONTH.
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by T. McDonough

T. McDonough
Weather Bureau.

8—272

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 1 1917, 1917

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	35	36	35	35	35	35	36	36	36	38	40	42	42	42	41	38	37	34	33	31	30	29	27
	RB 0NA							PE 0:20																
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	T	T	T	T	T	T	T																
Cloudiness and other conditions	Cloudy										PC	Clear												
Sunrise: Time, 7:06 Character, Cloudy																					Sunset: Time, 4:23 Character, Clear			
Sunshine (in tenths of hours)								0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.2							
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW
Wind movement	14	16	18	17	14	17	14	18	17	20	24	24	23	24	21	17	14	13	14	13	9	7	6	7
Maximum velocities (exceeding 25 miles) direction and time											30 SW 10:27													

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive rate.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	27	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., ~~T~~ 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, PC Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.1

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 76

Prevailing direction, SW

Total movement, 381

Average hourly velocity, 15.9

Maximum velocity, 30 Direction, SW Time. Began 10:27am

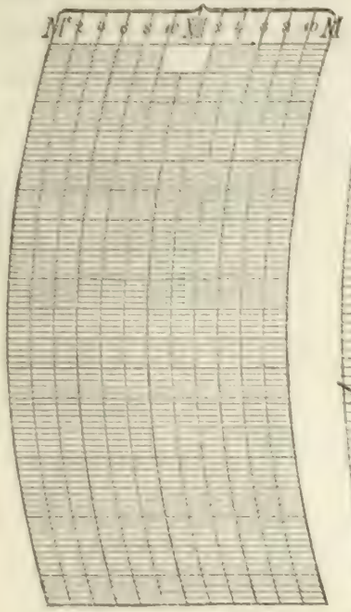
Extreme velocity, 31 — SW — 10:27am

Relative humidity, 7 a. m., 97; 12 m., 61; 7 p. m., 70

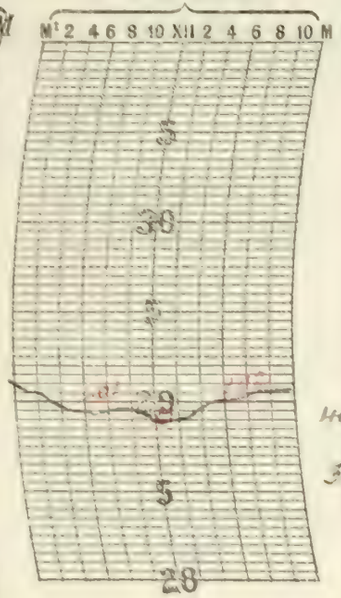
Reduced barometer, 29.86 a. m., 29.97 p. m.

River gage, 4.9 ft.

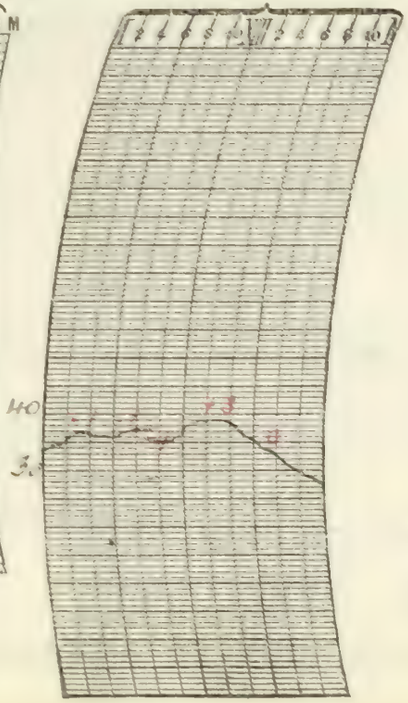
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by C.O.S.
Verified by R. McA.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN - 2 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	25	24	23	23	23	27	31	34	41	43	45	46	46	45	44	43	37	35	36	37	39
State of weather: Nature of precipitation and time of beginning and ending																							RB 10:20 RE 10:45	
Amounts of precipitation																							T.01	
Cloudiness and other conditions	Clear															Pt Cloudy					Cloudy			
Sunshine (in tenths of hours)								.70 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	SE	S	SE	SE	SE	SE
Wind movement	6	6	5	6	7	8	8	9	9	10	11	9	10	10	9	7	7	9	10	14	13	10	8	5

Sunrise: Time, 7:06; Character, Clear

Sunset: Time, 4:24; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
46	22	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T.01 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.1

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 98

Prevailing direction, SW.

Total movement, 206

Average hourly velocity, 8.6

Maximum velocity, 20 Direction, S Time. Began 7:26 pm

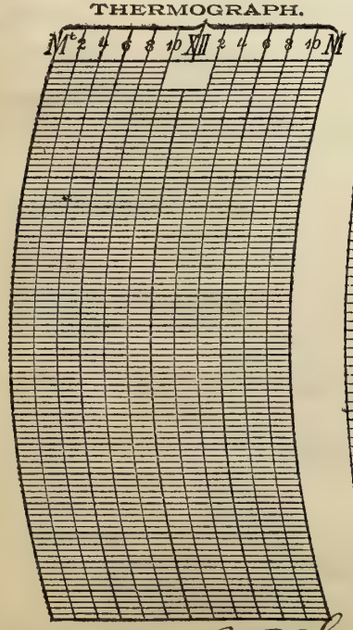
Extreme velocity, 20 — S — 7:26 pm

Relative humidity, 7 a. m., 65; 12 M., 54; 7 p. m., 60

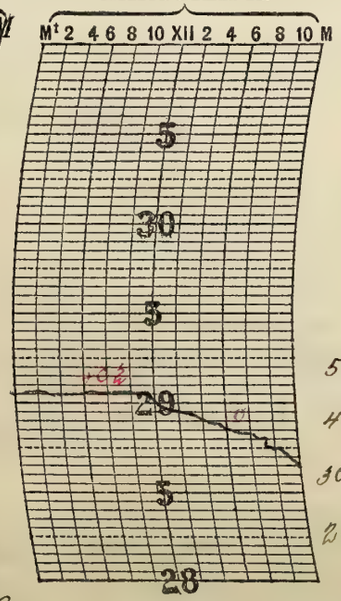
Reduced barometer, 30.04 a. m., 29.80 p. m.

River gage, 4.5 ft.

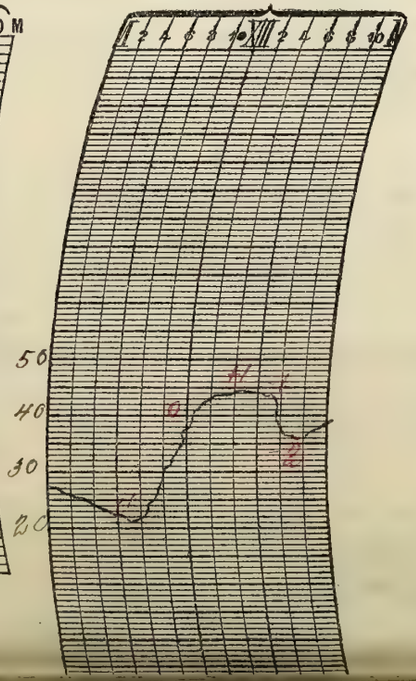
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated.

A mild pleasant day.

Prepared by C.O.S.

Verified by P.McD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN - 3 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	44	45	44	42	41	39	37	34	35	35	36
			RB ONA					RE 9:05				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T	T	T	T	T	T				
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 7:06 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	8	11	15	15	12	11	18	19	14	14	13	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	40	40	39	38	38	36	36	36	34	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy		Pt Cloudy				Pt Cloudy					
Sunset: Time, 4:25 Character, Cloudy												
Sunshine (in tenths of hours)	0.1	0.4	0.8	0.8	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	12	12	13	9	7	5	5	9	7	6	6	6
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

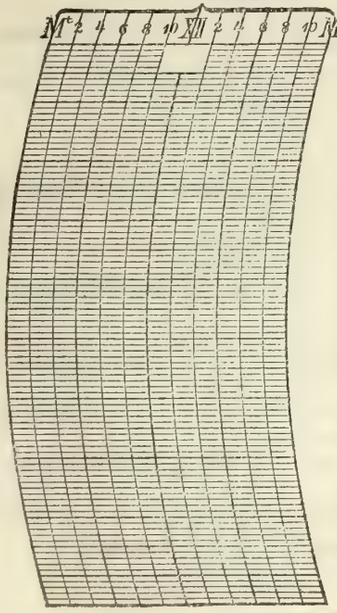
Maximum.	Minimum.	Mean.	Normal.
45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 2.1
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 23
Prevailing direction, SW.
Total movement, 257
Average hourly velocity, 10.7

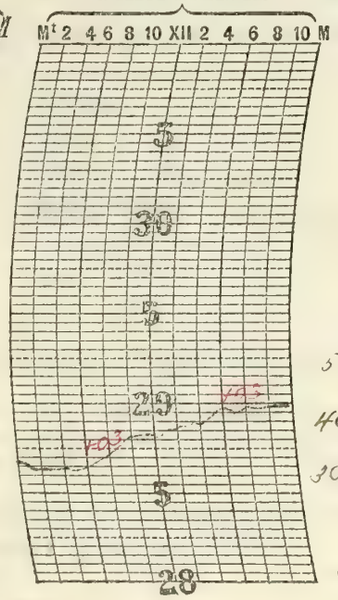
Maximum velocity,	Direction,	Time.
23	W	Began 7:26 am
Extreme velocity, 23	W	7:26 am

Relative humidity, 7 a. m., 88; 12 m., 82; 7 p. m., 58
Reduced barometer, 29.63 a. m. 29.92 p. m.
River gage, 4.2 ft.

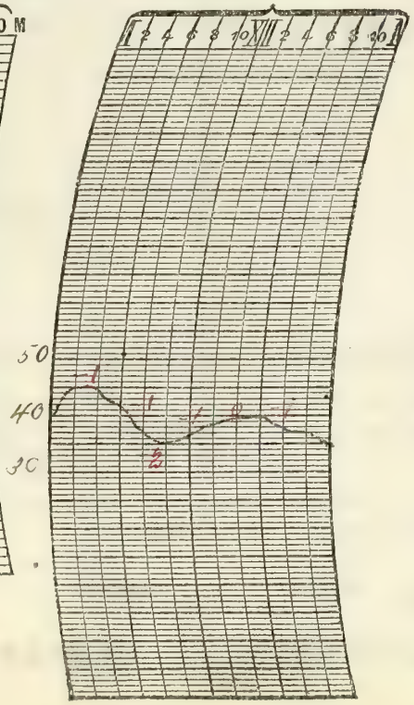
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day was cloudy with mild temperature.

Prepared by C. C. S.
Verified by P. Mayo

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN - 4 1917, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	30	30	30	31	33	34	40	43	46	47	47	46	45	43	41	41	40	39	38	37	37
																					RB 8:53			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Partly Cloudy					×	Clear		×		Partly Cloudy					×	Cloudy					
	Sunrise: Time, 7:06 Character, Cloudy																				Sunset: Time, 4:26 Character, Cloudy			
Sunshine (in tenths of hours)		1						0	0	1.0	1.0	1.0	1.0	1.0	0.9	0	0							
Wind direction	S	S	SE	SE	NE	NE	NE	E	SE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	NE	NE
Wind movement	4	3	4	4	3	3	4	4	4	3	4	5	8	9	8	8	9	6	6	8	7	7	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.0 inches.

Character of day Partly Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 5.9

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 63

Prevailing direction, NE

Total movement, 135

Average hourly velocity, 5.6

Maximum velocity, 12 Direction, NE Time. Began 4:10 pm

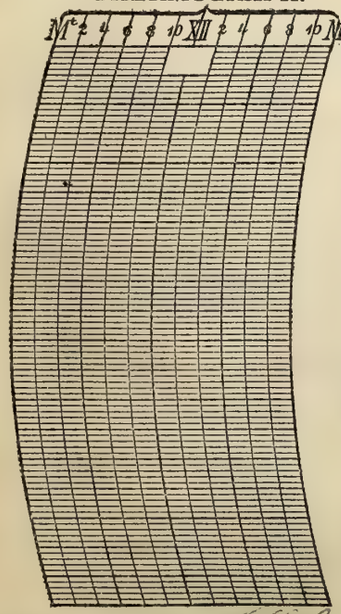
Extreme velocity, 12 — NE — 4:13 pm

Relative humidity, 7 a. m., 94; 12 N., 72; 7 p. m., 83

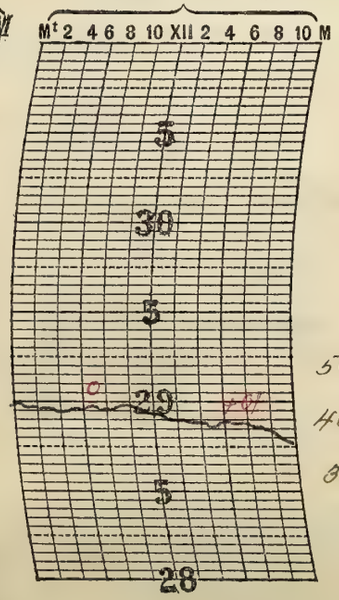
Reduced barometer, 29.92 a. m. 29.85 p. m.

River gage, 3.0 ft.

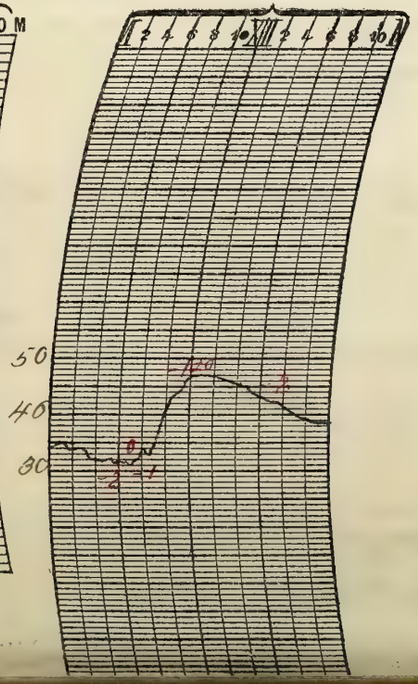
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

✓ Estimated

Prepared by C. C. S.

Verified by P. M. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN - 5 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	38	38	37	36	36	35	35	35	35	36
Nature of precipitation and time of beginning and ending							RE 6:25			RB 9:15 RE 9:45 RNS 9:45		RNS E 11:15
Amounts of precipitation	—	—	—	—	—	—	—			—	—	—
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	7:06 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	N	N	N	NW	NW	NW	NW	NW	NW
Wind movement	7	8	6	9	9	9	11	16	12	17	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	36	36	35	33	33	32	31	31	31
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy					Cloudy		Clear	
Sunset: Time, Character									4:27 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	13	13	10	11	10	13	17	16	14	14	9	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
38	31	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, *.65 inches.

Character of day, Cloudy Moon phase, ✓

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 0

Prevailing direction, W. + NW.

Total movement, 279

Average hourly velocity, 11.6

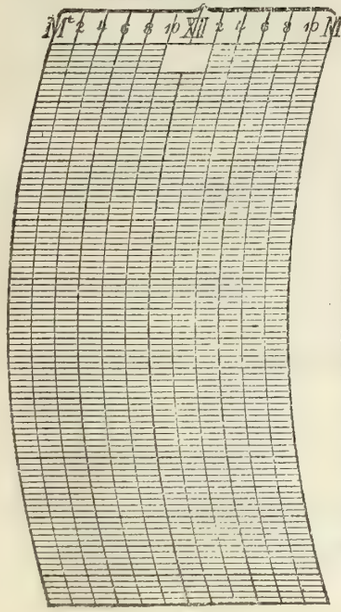
Maximum velocity,	Direction,	Time.
20	W	Began 6:42 a.m.
Extreme velocity, 21	W	6:42 a.m.

Relative humidity, 7 a. m., 95; 12 m., 94; 7 p. m., 80

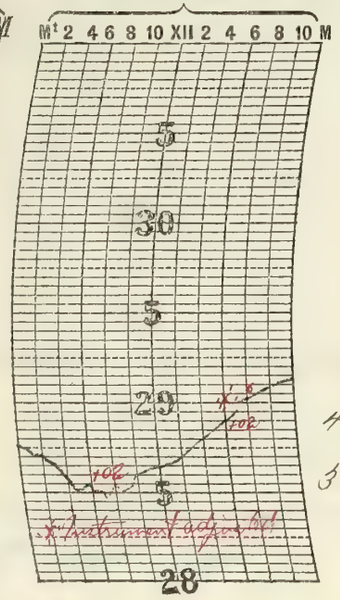
Reduced barometer, 29.45 a. m., 29.96 p. m.

River gage, 4.6 ft.

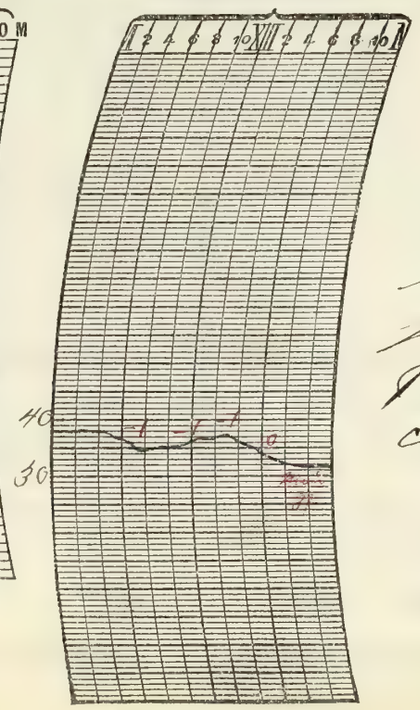
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*: Estimated.

Cold wave warning received in am forecast at 10:15 am. It was dispensed by telephone to railroads, telephone companies, newspapers and all parties interested. It was also published on all cards and ~~bulletins~~ on office.

Prepared by CCS
Verified by F. M. C.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN - 6 1917, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	28	27	26	26	26	28	32	35	39	41	43	44	40	39	39	35	38	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear										Clear						Pt Cloudy							
Sunrise: Time, 7:06; Character, Cloudy																					Sunset: Time, 4:28; Character, Cloudy			
Sunshine (in tenths of hours)		1						0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	W	W	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	4	5	6	5	7	6	7	7	7	10	13	15	15	15	15	11	18	18	20	18	21	21	22	21
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

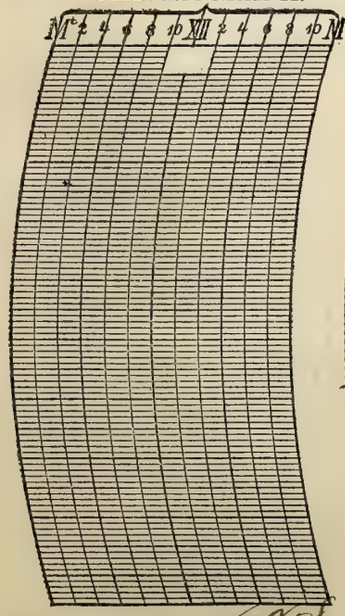
	Maximum.	Minimum.	Mean.	Normal.
Temperature	44	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.5
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 80
Prevailing direction, S
Total movement, 315
Average hourly velocity, 13.1

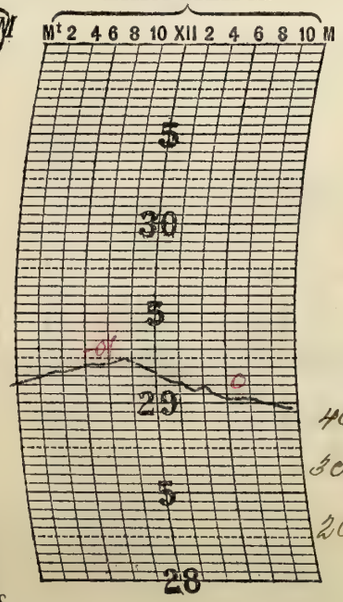
Maximum velocity,	Direction,	Time.
27	SW	Began 11:09 pm

Extreme velocity, 28 SW 11:09 pm
Relative humidity, 7 a. m., 89; 12 M., 68; 7 p. m., 21
Reduced barometer, 30.24 a. m. 29.99 p. m.
River gage, 9.9 ft.

THERMOGRAPH.



BAROGRAPH.



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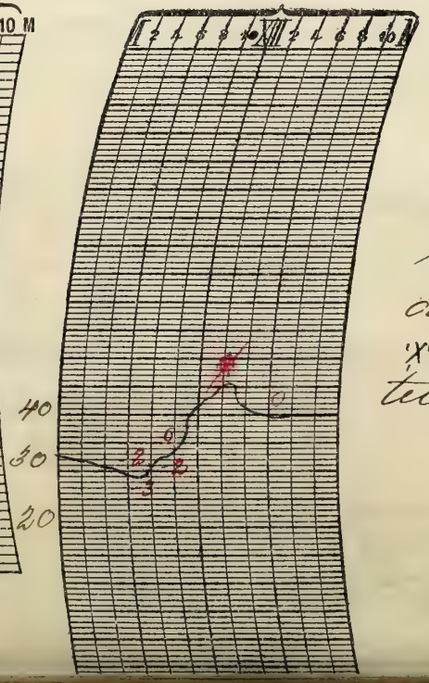


NOTES.

Faint lunar halo of 22½° radius at 6:40 pm
Thermograph did not respond & highest temperature reached during the day.
x Hourly readings interpolated from telethermoscope from 10 am & 6 p.m.

Prepared by CDS
Verified by PMcD

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN - 7 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	38	35	34	32	31	31	30	28	26	27
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy											
Sunrise: Time, 7:06; Character, Cloudy												
Sunshine (in tenths of hours)								0	0.1	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	20	20	19	17	13	14	15	17	20	22	19	17
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	28	28	27	27	26	26	24	24	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy						Clear					
Sunset: Time, 4:29; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	14	11	11	10	8	8	8	11	10	11	13
Maximum velocities (exceeding 29 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

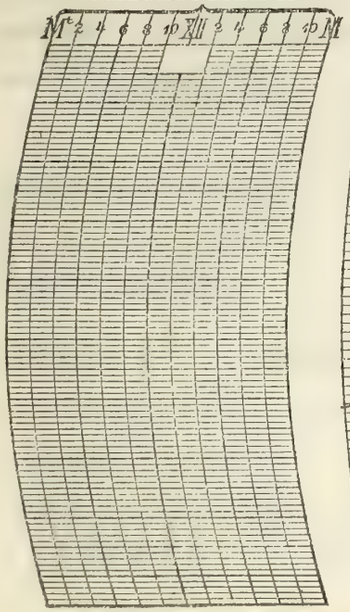
	Maximum.	Minimum.	Mean.	Normal.
Temperature	39	24	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 5.9
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 63
Prevailing direction, SW.
Total movement, 343
Average hourly velocity, 14.3

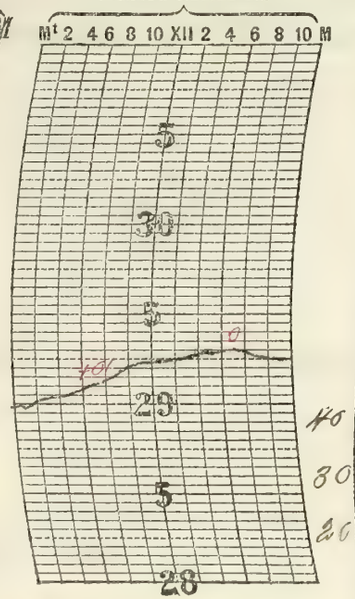
Maximum velocity,	Direction,	Time.
26	W	Began 8:27 am
Extreme velocity, 27	W	8:27 am

Relative humidity, 7 a. m., 67; 12 m., 65; 7 p. m., 70
Reduced barometer, 30.06 a. m., 30.26 p. m.
River gage, 10.4 ft.

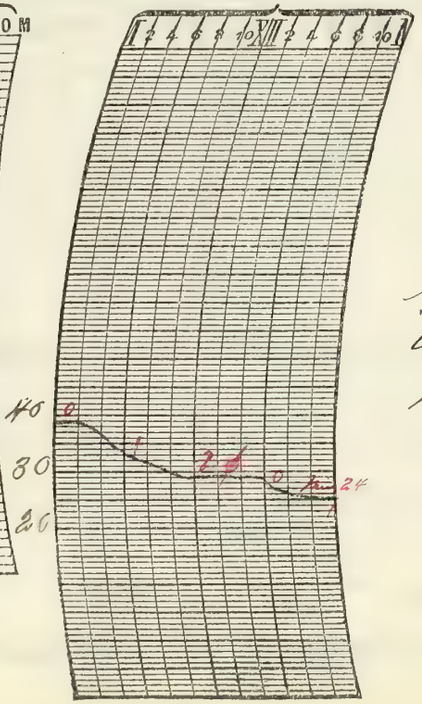
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Although the day was partly cloudy it was crisp and pleasant. The thermograph did not not respond to the lowest temperature reached during the day. Hourly readings interpolated from telethermograph from 11 am to 6 pm.

Prepared by C.C.S.
Verified by P.M.O.

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN - 8 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	25	25	25	25	26	29	34	37	40	42	44	46	46	45	43	41	39	39	39	38	38	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear															Clear								?
Sunrise: Time, 7:06; Character, Clear																					Sunset: Time, 4:30; Character, Clear			
Sunshine (in tenths of hours)		1						.90 0	0.1 0.9	1.0	1.0	1.0	1.0	0.9	0.1 0.4	1.0 0	.50 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	14	13	13	11	13	12	14	12	11	14	16	17	19	17	15	14	13	12	13	15	16	15	15	16
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	24	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full 1:42 a.

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 8.8

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 94

Prevailing direction, SW

Total movement, 340

Average hourly velocity, 14.2

Maximum velocity, 23 Direction, S Time. Began 12:57 pm

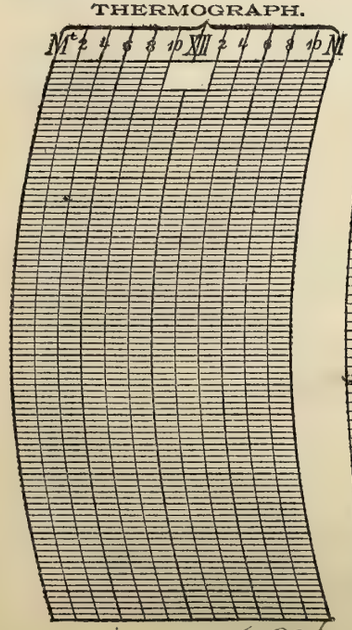
Extreme velocity, 23 — S — 12:59 pm

Relative humidity, 7 a. m., 88; 12 N., 48; 7 p. m., 79

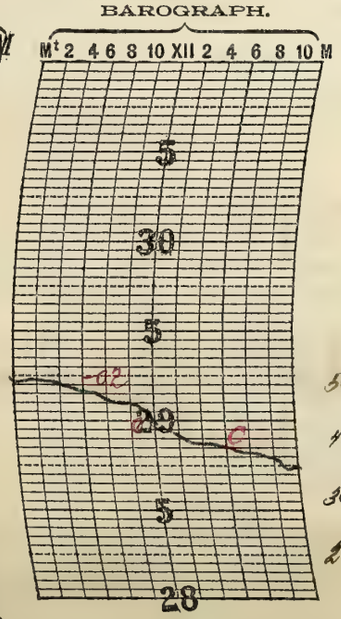
Reduced barometer, 30.09 a. m., 29.76 p. m.

River gage, 8.7 ft.

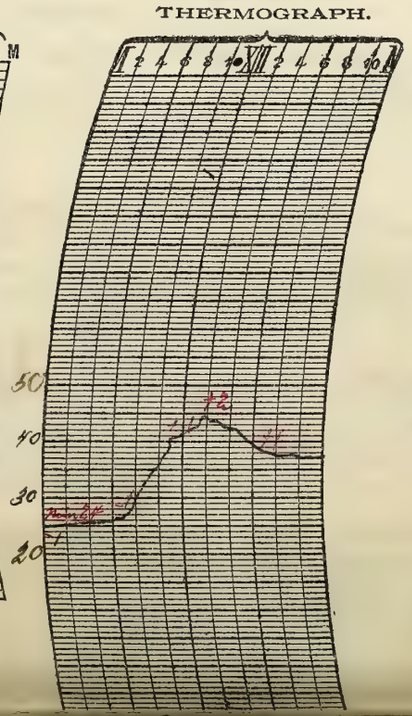
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by E. C. S.
Verified by F. M. G.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN - 9 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	38	38	37	35	34	34	36	40	42
Nature of precipitation and time of beginning and ending						S^m B 5:15	—	S^m E 7:45 R B 7:45	RE 8:15			
Amounts of precipitation						T	T	T	—			
Cloudiness and other conditions	2	Cloudy				—	—	—	×	Pt Cloudy		
Sunshine (in tenths of hours)								0	0	0.8	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	16	14	12	12	12	12	10	10	11	15	17	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	43	43	43	41	40	39	38	38	40	40	40
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	—	×	—	Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	23	17	18	16	14	10	10	11	14	13	12	17

Sunrise: Time, 7:06 Character, Cloudy

Sunset: Time, 4:31 Character, Cloudy

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
43	34	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 70

Prevailing direction, SW.

Total movement, 335

Average hourly velocity, 14.0

Maximum velocity,	Direction,	Time.
24	SW	Began 12:27 pm

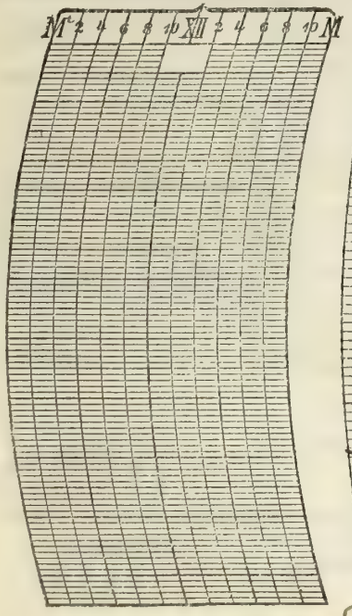
Extreme velocity, 25 — SW — 12:29 pm

Relative humidity, 7 a. m., 86; 12 m., 71; 7 p. m., 76

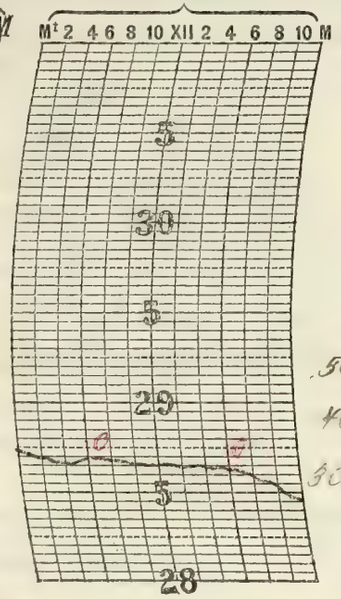
Reduced barometer, 29.61 a. m., 29.54 p. m.

River gage, 8.1 ft.

THERMOGRAPH.



BAROGRAPH.



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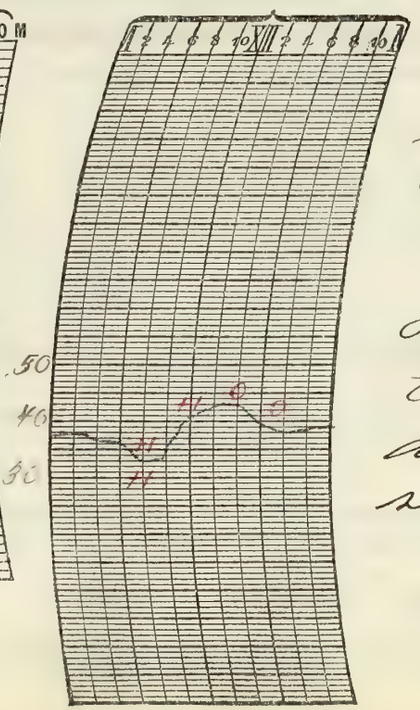


NOTES.

Special observation taken at noon. Called for by Central Office.

Cold wave warning received at 11:00 pm as follows:- Cold wave, temperature will fall decidedly during next thirty six hours. Signed Bowie.

Prepared by CDS
Verified by P.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 10 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	41	40	40	38	33	26	26	25	25	25
State of weather: Nature of precipitation and time of beginning and ending				RG DNA		RE 5:30		8mB 7:10		3mF 9:25		
Amounts of precipitation				T	T	T		—	—	—		
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character	7:06 Cloudy											
Sunshine (in tenths of hours)								0	0	0.2	0.4	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW
Wind movement	17	17	18	18	18	18	18	20	14	14	14	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	23	24	22	21	20	19	17	16	12	10
State of weather: Nature of precipitation and time of beginning and ending					3mB 4:35							5mE 11:30
Amounts of precipitation					—	—	—	—	—	—	—	—
Cloudiness and other conditions				Cloudy								
Sunset: Time, Character									4:32 Cloudy			
Sunshine (in tenths of hours)	0.1	0.4	0	0	0							
Wind direction	NW	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	12	9	11	8	10	10	11	13	12	13	12	8

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

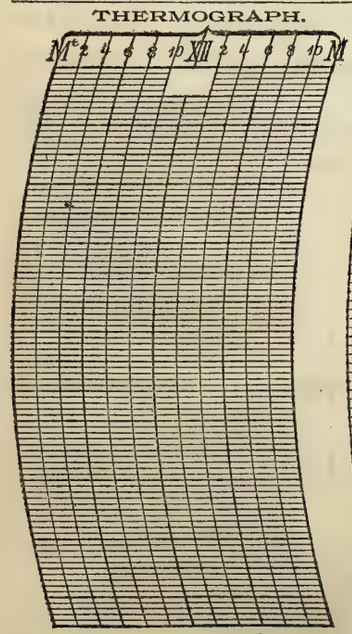
	Maximum.	Minimum.	Mean.	Normal.
	42	10	26	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 0.4 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.3 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.1
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 12
Prevailing direction, NW
Total movement, 325
Average hourly velocity, 13.5

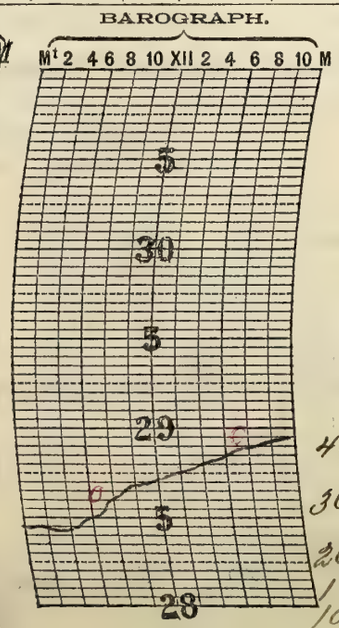
Maximum velocity,	Direction,	Time.
25	NW	Began 7:34 am
Extreme velocity, 24	NW	7:36 am

Relative humidity, 7 a. m., 80; 12 m., 82; 7 p. m., 91
Reduced barometer, 29.47 a. m. 29.83 p. m.
River gage, 8.2 ft

THERMOGRAPH.



BAROGRAPH.



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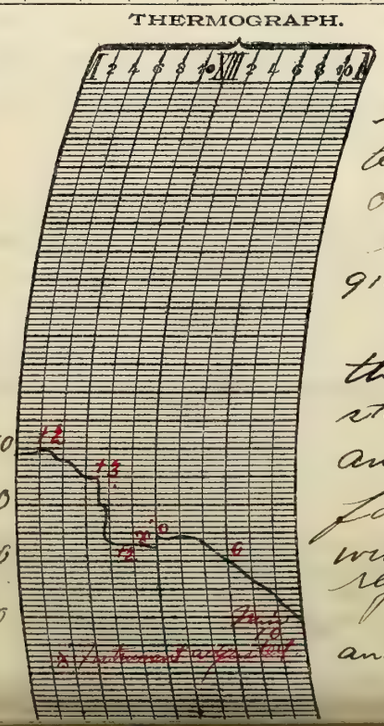


Prepared by CCOS
Verified by J. Mean.

NOTES.

Cold wave warning received at 9:20 am in the regular forecast. It was disseminated by telephone and published on all mail and cards.

Special cold wave warning received at 9:58 am and read as follows:—

A pronounced cold wave will overspread the middle Atlantic ~~states~~ and New England states, the Ohio Valley the Lake region, and Tennessee within the next twenty-four to thirty six hours and cold weather will be of several days duration in these regions. ~~Advise~~ Advise all interests accordingly.

(Signed) Bowie.

It was disseminated by telephone to the newspapers and all interested parties.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 11 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	7	6	5	4	5	5	7	10	14	15
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	Clear						×	Pt Cloudy		×	Cloudy
Sunshine (in tenths of hours)								.92 / 0	1.0 / 0	0.3 / 0.7	1.0	1.0
Wind direction	N	NW	NW	N	NW	W	W	W	NW	NW	W	W
Wind movement	9	8	8	5	7	6	7	7	6	6	7	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	15	15	14	11	10	8	8	7	6	6
Nature of precipitation and time of beginning and ending	S of B 12:25			S of E 3:15								
Amounts of precipitation	—	—	—	—								
Cloudiness and other conditions	Pt Cloudy		×	Pt Cloudy		×	Clear					?
Sunshine (in tenths of hours)	0.5	0.7	0.4	0	0							
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	13	12	10	10	10	10	10	11	8	9	8

Sunrise: Time, 7:05; Character, Clear

Sunset: Time, 4:33; Character, Cloudy

Maximum velocities (exceeding 27 miles) direction and time: ?

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
18	4	11	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, .01 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 6.5

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 68

Prevailing direction, SW

Total movement, 203

Average hourly velocity, 8.5

Maximum velocity, 14 Direction, SW Time. Began 2:15 pm

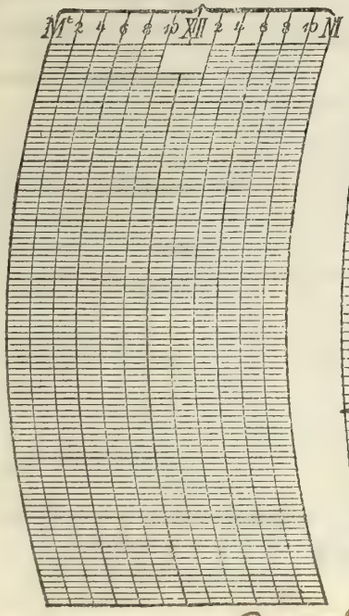
Extreme velocity, 18 — SW — 2:15 pm

Relative humidity, 7 a. m., 53; 12 M., 82; 7 p. m., 79

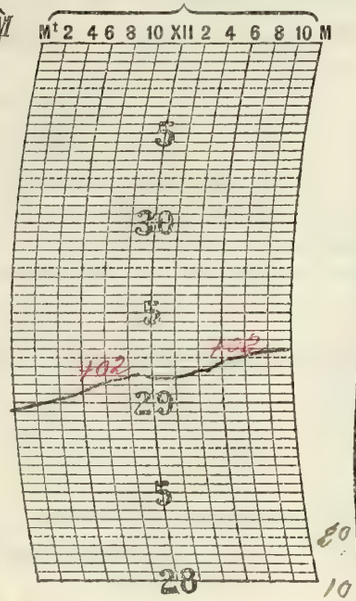
Reduced barometer, 30.06 a. m. 30.21 p. m.

River gage, 7.6 ft.

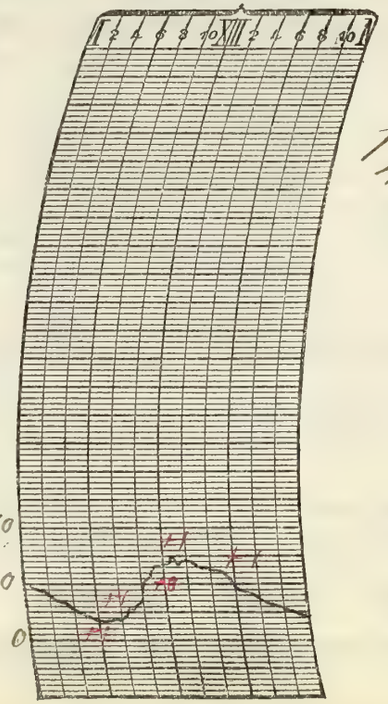
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave. Temperature fell from 33° at 7:00 am on 10th to 4° at this morning.

Prepared by CCCS

Verified by C. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 12 1917, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	5	5	5	4	3	3	5	6	8	9	9	12
										S 9:10		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	Cloudy										
Sunrise: Time, 7:05 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	S	S	S	S	SE	SE	S	SE	SE
Wind movement	9	7	8	6	7	6	5	6	8	10	9	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	13	14	15	17	18	19	19	20	20	21	22	23
						S 5:15		S 7:45				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunset: Time, 4:34 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	E	E	E	E	E	SE	SE	SE	SE	S
Wind movement	8	8	8	8	9	7	7	7	7	8	9	9

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
23	2	12	

Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.

Snow on ground 7 p. m., 0.7 inches.

Total snowfall, midnight to midnight, 0.11 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, 0.11 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction, SE

Total movement, 183

Average hourly velocity, 7.6

Maximum velocity, 12 Direction, SE Time. Began 10:18 pm

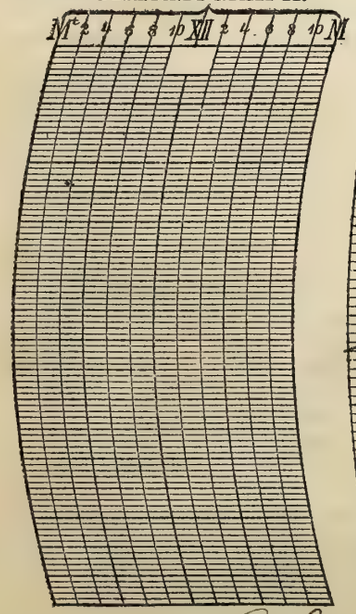
Extreme velocity, 12 — SE — 10:18 pm

Relative humidity, 7 a. m., 84; 12 m., 84; 7 p. m., 88

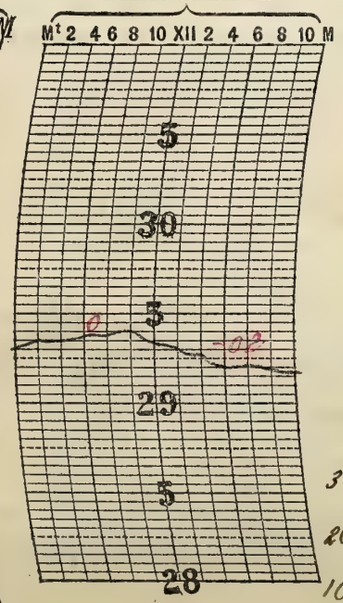
Reduced barometer, 30.36 a. m., 30.15 p. m.

River gage, 7.5 ft.

THERMOGRAPH.



BAROGRAPH.



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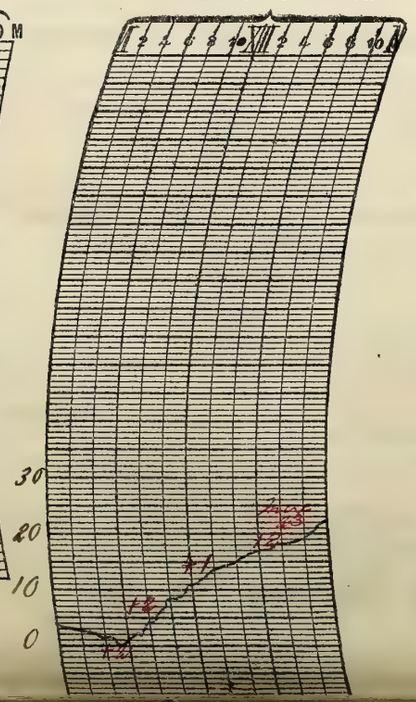


NOTES.

Estimated

Prepared by CAS

Verified by P. Mez.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 13 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	27	28	29	28	26	24	21	18	17	17
	S E DNA							S 13 7:10				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	—							—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 7:05 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	W	SW
Wind movement	10	8	10	12	9	9	10	11	11	12	12	12
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	14	12	10	9	7	6	5	4	3	3
	S E 12:30											S 13 11:00 S E 11:15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	—											
Cloudiness and other conditions				Cloudy								
Sunset: Time, 4:35 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.9	0.1	0	0							
Wind direction	W	W	W	W	NW	NW	W	W	W	W	W	W
Wind movement	14	12	11	11	11	8	9	9	9	10	12	16
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	29	3	16	

Total depth of snow for 24 hours ending 7 p. m., 1.1 inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, .02 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 11

Prevailing direction, W.

Total movement, 263

Average hourly velocity, 11.0

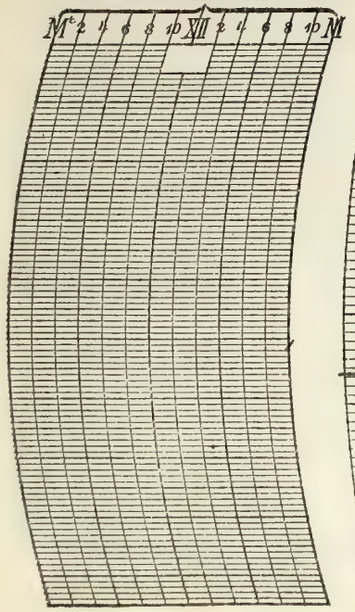
Maximum velocity,	Direction,	Time.
20	W	Began 10:42 pm
Extreme velocity, 20	W	10:42 pm

Relative humidity, 7 a. m., 95; 12 m., 67; 7 p. m., 76

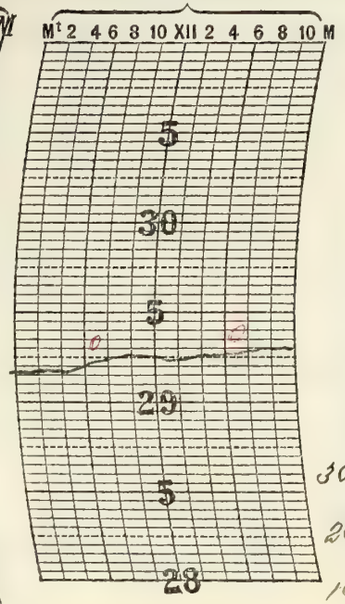
Reduced barometer, 30.16 a. m., 30.25 p. m.

River gage, 7.7 ft.

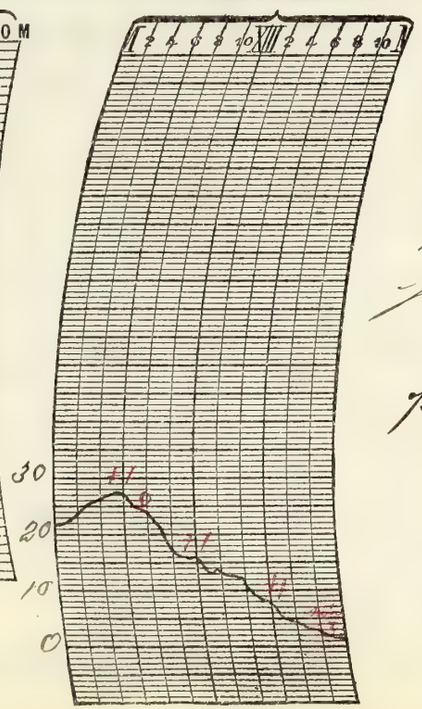
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

Cold wave warning received at 9:22 am embodied in am forecast. It was given to the newspapers and published on all maps and cards.

Occasional snow flurries from 7:10 am. to 12:30 p.m.

Prepared by C.A.S.
Verified by P.M.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 14 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	2	1	0	-1	-2	-3	-3	-4	-1	1	2	7	8	9	11	11	9	8	8	7	7	6	6	6
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	—	Clear	—	—	—	—	—	—	—	—	—	Clear	—	—	—	—	—	—	—	—	?
Sunshine (in tenths of hours)								0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.40 .02							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	16	14	14	12	11	11	10	12	12	14	17	18	15	13	12	12	8	7	7	5	5	3	2	3
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 7:04; Character, Cloudy

Sunset: Time, 4:36; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hour slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	11	-4	4	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), FEW

Actual sunshine, hours, 8.6

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 91

Prevailing direction, SW.

Total movement, 253

Average hourly velocity, 10.5

Maximum velocity, 20 Direction, SW Time. Began 10:48 am

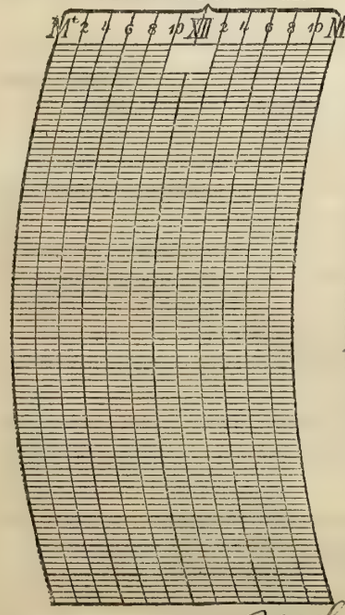
Extreme velocity, 21 — SW — 10:48 am

Relative humidity, 7 a. m., 85; 12 m., 52; 7 p. m., 58

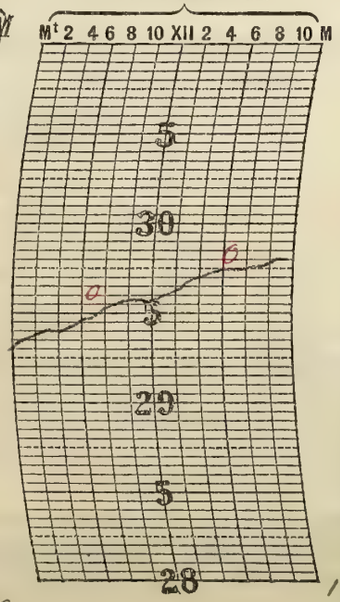
Reduced barometer, 30.46 a. m., 30.75 p. m.

River gage, 4.7 ft

THERMOGRAPH.



BAROGRAPH.



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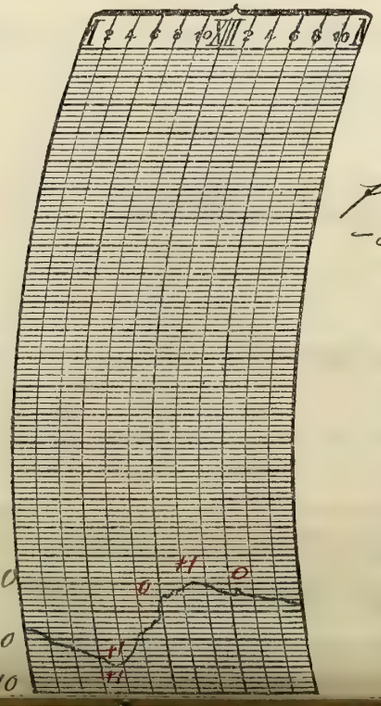


NOTES.

Cold wave. Temperature fell from 26 at 7 am of the 13th to -3 at 7 am this date.

Prepared by CCS

Verified by JMeD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 15 1917, 191

Time (local standard), 90th mer.

1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	7	7	8	8	8	9	9	11	12	13	13
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	—	Cloudy					—				
Sunrise: Time, 7:04; Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0.9
Wind direction	W	W	N	N	N	N	N	N	N	N	NE	NE
Wind movement	2	3	3	2	3	5	4	4	5	8	12	14
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	14	14	13	13	13	13	13	13	13	12	9
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	Pt Cloudy				—	Cloudy			—	?	
Sunset: Time, 4:37; Character, Cloudy												
Sunshine (in tenths of hours)	0.6	0.1	0.3	0	0							
Wind direction	NE	NE	NE	NE	N	N	N	N	N	N	N	N
Wind movement	11	9	11	10	10	8	10	8	7	4	5	7

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
14	6	10	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.9

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 20

Prevailing direction, N.

Total movement, 165

Average hourly velocity, 6.9

Maximum velocity, 17 Direction, N Time. Began 11:27 am

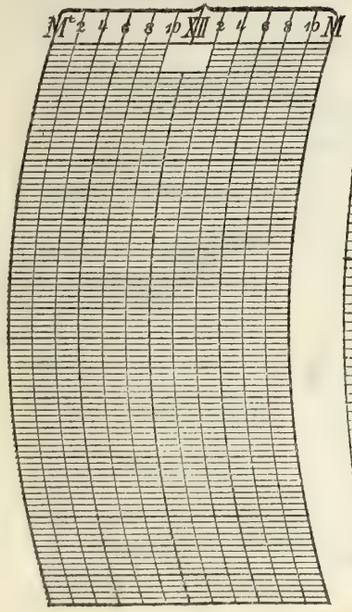
Extreme velocity, 18 N 11:27 am

Relative humidity, 7 a. m., 82; 12 M., 62; 7 p. m., 88

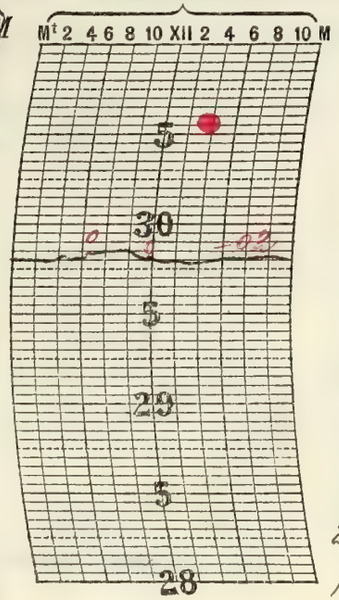
Reduced barometer, 30.84 a. m. 30.78 p. m.

River gage, 4.0 ft.

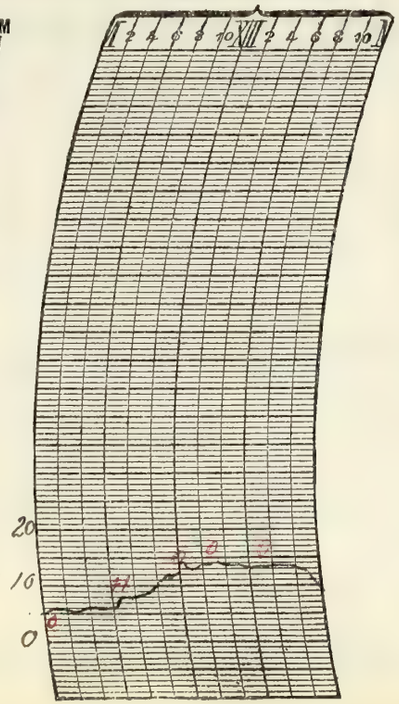
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CWS

Verified by PMG

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 16 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	6	5	4	4	4	4	3	6	12	17	18	20	22	22	22	21	19	17	15	13	12	11	10
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	—	Clear	—	—	—	—	—	—	—	—	—	—	Clear	—	—	—	—	—	—	—	?
Sunrise: Time, 7:04; Character, Clear																					Sunset: Time, 4:39; Character, Clear			
Sunshine (in tenths of hours)								.9 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.65 0							
Wind direction	N	N	N	N	N	NW	NW	NW	NW	NW	NE	NW	NW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	6	3	4	2	3	3	3	4	3	4	6	7	9	8	7	8	10	10	9	8	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
22	3	12	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last Quarter 5:42 a.m.

Average daily cloudiness (0-10), FEW

Actual sunshine, hours, 9.6

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 100

Prevailing direction, SW.

Total movement, 151

Average hourly velocity, 6.3

Maximum velocity, 13 Direction, SW Time. Began 11:20 p.m.

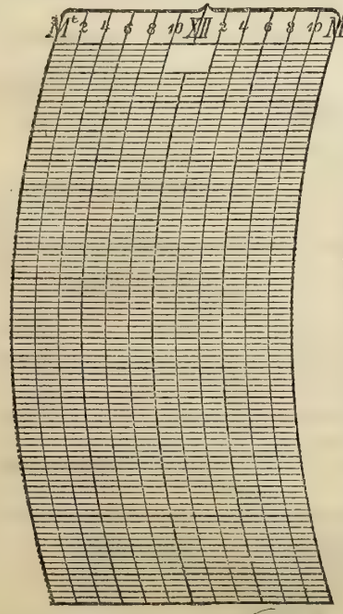
Extreme velocity, 14 — SW — 11:21 p.m.

Relative humidity, 7 a. m., 84; 1 p. m., 84; 7 p. m., 80

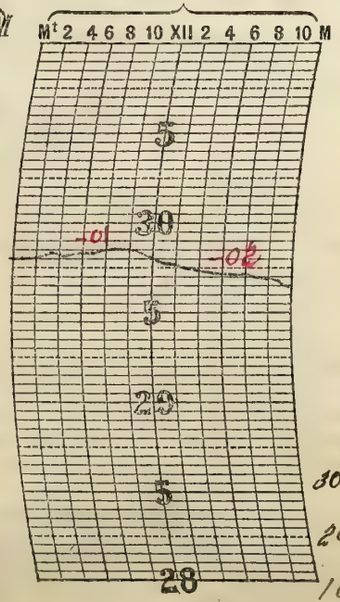
Reduced barometer, 30.82 a. m. 30.71 p. m.

River gage, 3.8 ft.

THERMOGRAPH.



BAROGRAPH.



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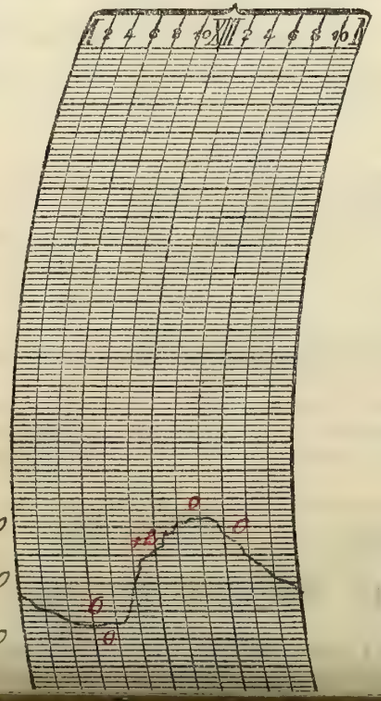


NOTES.

A crisp clear day.

Prepared by C. C. S.

Verified by J. M. E.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 17 1917, 191

Time (local standard), 40" mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	8	8	11	11	13	14	16	19	21	22	22 (S 8 12:25)	21	21	21	21	21	21	22 (S 8 E 7:30)	22	22	22	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation													—	—	—	—	—	—	—	—				
Cloudiness and other conditions	?	Cloudy											Cloudy											
Sunrise: Time, 7:03; Character, Cloudy																					Sunset: Time, 4:40; Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	11	12	12	12	12	13	16	13	15	14	16	15	15	14	15	16	19	19	16	19	18	20
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
23	8	16	✓

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, .01 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction, SW.

Total movement, 351

Average hourly velocity, 14.6

Maximum velocity, 26 Direction, SW Time. Began 11:33 pm

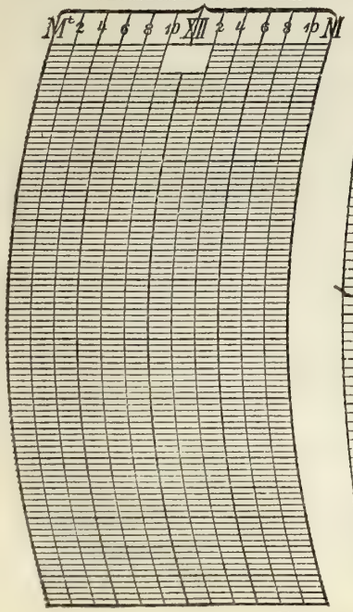
Extreme velocity, 26 — SW — 11:33 pm

Relative humidity, 7 a. m., 66; 12 m., 59; 7 p. m., 84

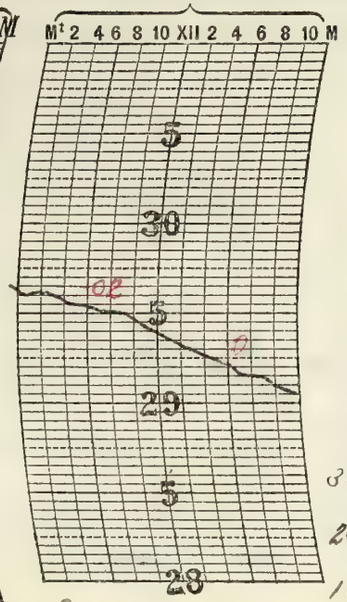
Reduced barometer, 30.49 a. m., 30.15 p. m.

River gage, 3.7 ft.

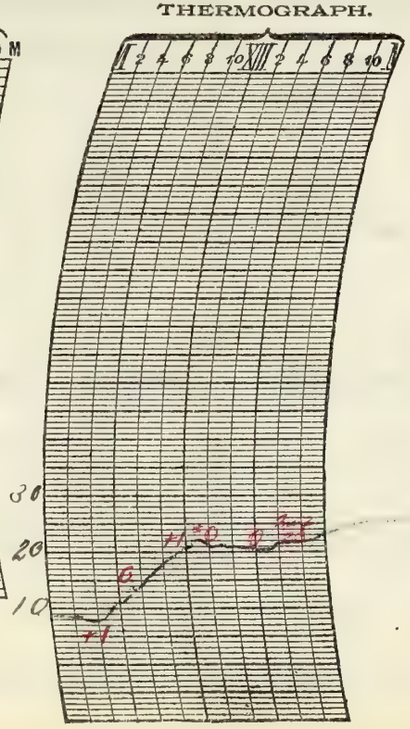
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by C. C. S.
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 18 1917, 191

Time (local standard), 90" mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	24	24	24	24	25	24	24	24	24	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy										Cloudy	
Sunrise: Time, Character	7:03 Cloudy											
Sunshine (in tenths of hours)		1						0	0	0	0	0.5
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	21	20	21	22	22	21	25	23	23	23	22	23
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	24	23	21	20	18	16	15	13	12
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				Clear							
Sunset: Time, Character									4:41 Clear			
Sunshine (in tenths of hours)	1.0	0.4	0.9	1.0	.68 0							
Wind direction	W	VV	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	24	22	20	19	15	14	13	15	19	20	17	16
Maximum velocities (exceeding 22 miles) direction and time		30 W 2:21										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
26	12	19	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.5

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 47

Prevailing direction, SW.

Total movement, 480

Average hourly velocity, 20.0

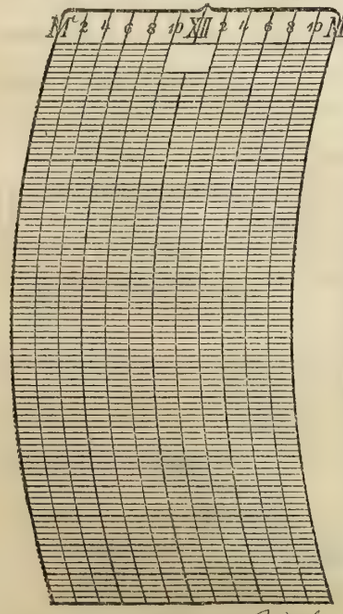
	Maximum velocity,	Direction,	Time.
	30	W	Began 2:21 pm
Extreme velocity,	31	W	2:21 pm

Relative humidity, 7 a. m. 85; 12 m., 61; 7 p. m., 82

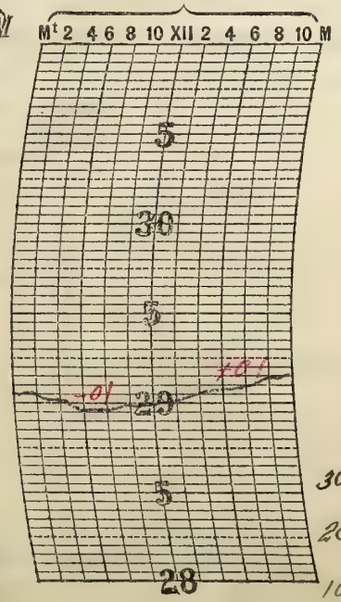
Reduced barometer, 29.91 a. m. 30.05 p. m.

River gage, 3.5 ft

THERMOGRAPH.



BAROGRAPH.



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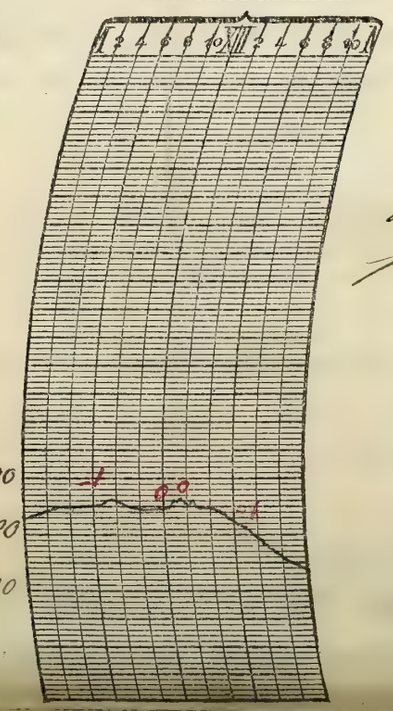


NOTES.

* For beginning and ending see Jan 17, 1917.

A strong southwest wind blew the entire day. It began on the previous day.

Prepared by E. A. S.

Verified by J. M. A.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 19 1917, 191

Time (local standard), 90° mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	13	13	13	17	11	11	10	10	11	16	21	22	24	26	27	26	24	22	22	21	21	21	21	19
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear														Hazy				Clear					
Sunshine (in tenths of hours)								0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	15	12	12	10	11	9	9	11	9	12	8	12	16	11	13	12	14	13	11	13	13	12	10	10

Sunrise: Time, 7:02; Character, Cloudy

Sunset: Time, 4:42; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	27	10	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 6.8

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 71

Prevailing direction, S

Total movement, 278

Average hourly velocity, 11.6

Maximum velocity, 16 Direction, SW Time. Began 12:34 am

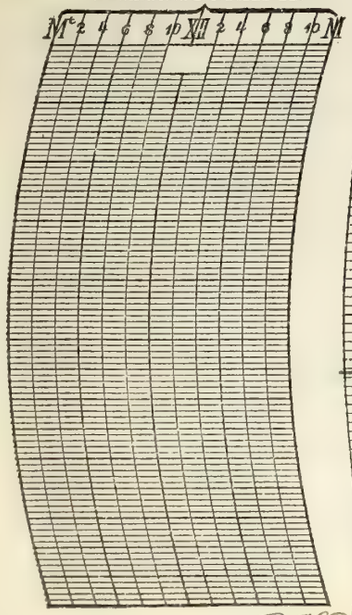
Extreme velocity, 17 — SW — 12:34 am

Relative humidity, 7 a. m., 85; 12 M., 86; 7 p. m., 61

Reduced barometer, 30.21 a. m., 30.06 p. m.

River gage, 3.4 ft.

THERMOGRAPH.



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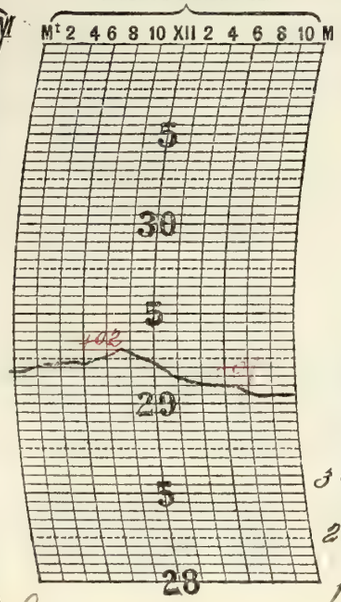

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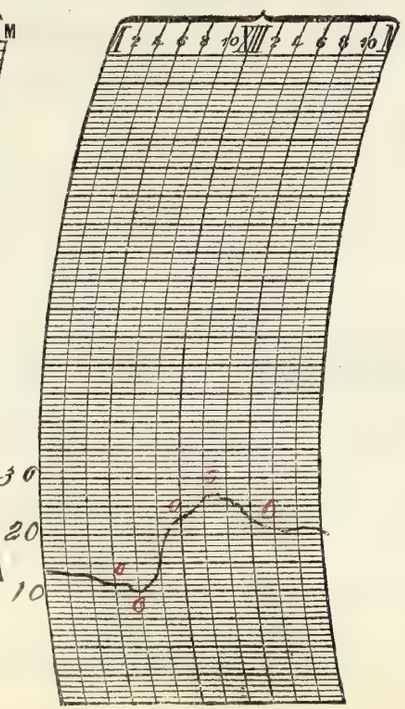


NOTES.

Prepared by C.W.S.
Verified by P.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 20 1917, 191

Time (local standard), 90" mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	19	19	19	21	21	25	29	29	31	33	34	35	34	33	32	31	31	31	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear									Partly Cloudy					Cloudy									
Sunrise: Time, 7:01 Character, Cloudy																					Sunset: Time, 4:43 Character, Cloudy			
Sunshine (in tenths of hours)								0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	W	W	NW	NW	NW	NW	N	N	NE	NE	NE	NE	NE
Wind movement	11	11	8	10	9	10	10	9	11	11	10	9	8	6	8	9	7	7	7	6	5	6	8	8
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	35	19	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 6.8

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 70

Prevailing direction, S.

Total movement, 204

Average hourly velocity, 8.5

Maximum velocity, 14 Direction, SW Time. Began 9:12 am

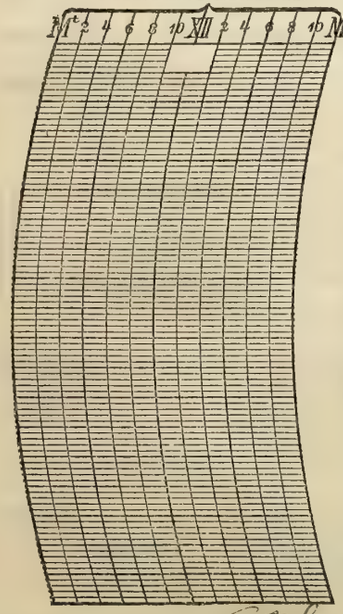
Extreme velocity, 14 — SW — 9:12 am

Relative humidity, 7 a. m., 89 12 m., 79; 7 p. m., 79

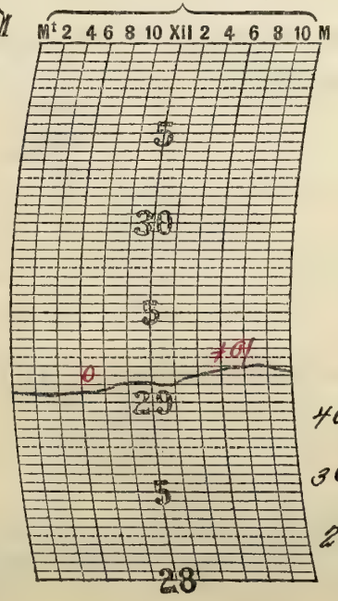
Reduced barometer, 30.01 a. m., 30.15 p. m.

River gage, 3.5 ft.

THERMOGRAPH.



BAROGRAPH.



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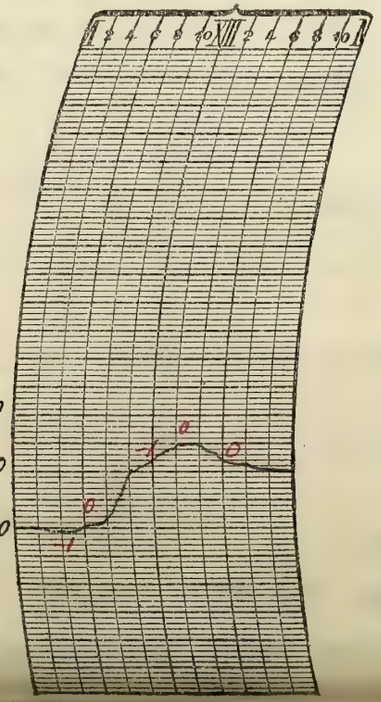


NOTES.

Prepared by C. E. S.

Verified by P. M. S. D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 21 1917, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	26	25	24	24	25	27	29	36	30	31
State of weather: Nature of precipitation and time of beginning and ending				S 3 DNA				S 3 E 7:45 RS 3 RS 7:45	RS 3 E 8:10 RB 8:10			
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	7:01 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	NE	E	NE	NE	NE	NE	E	E	E	E
Wind movement	7	11	14	13	15	14	15	17	16	12	12	9
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	32	32	32	32	35	40	48	44	39	34	31
State of weather: Nature of precipitation and time of beginning and ending							RE 6:20	RB 7:45 HE 8:00				
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									4:44 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	S	SW	SW	SW	SW	SW
Wind movement	8	6	8	6	6	4	7	20	26	35	37	35
Maximum velocities (exceeding 24 miles) direction and time									31 SW 8:42	42 SW 9:10	42 SW 10:21	45 SW 11:25

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	48	24	36	

Total depth of snow for 24 hours ending 7 p. m., 2.8 inches.

Snow on ground 7 p. m., 1.6 inches.

Total snowfall, midnight to midnight, 2.4 inches.

Precipitation to 7 a. m., .20 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .49 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 353

Average hourly velocity, 14.7

Maximum velocity, 45 Direction, SW Time. Began 11:25 PM

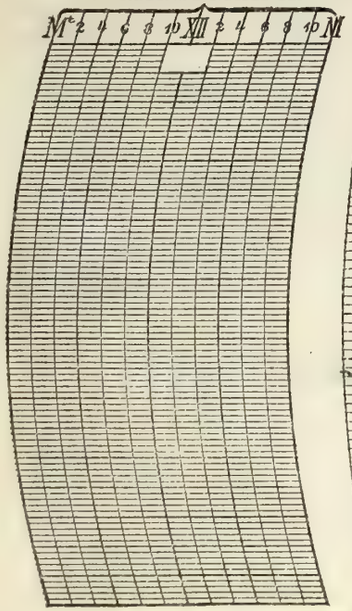
Extreme velocity, 45 — SW — 11:25 PM

Relative humidity, 7 a. m., 93; 12 M. 88; 7 p. m., 100

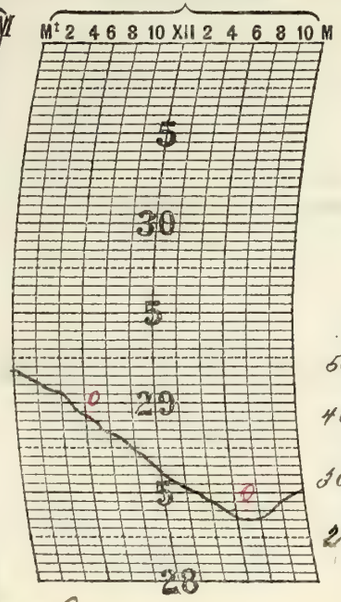
Reduced barometer, 29.83 a. m., 29.28 p. m.

River gage, 2.8 ft.

THERMOGRAPH.



BAROGRAPH.



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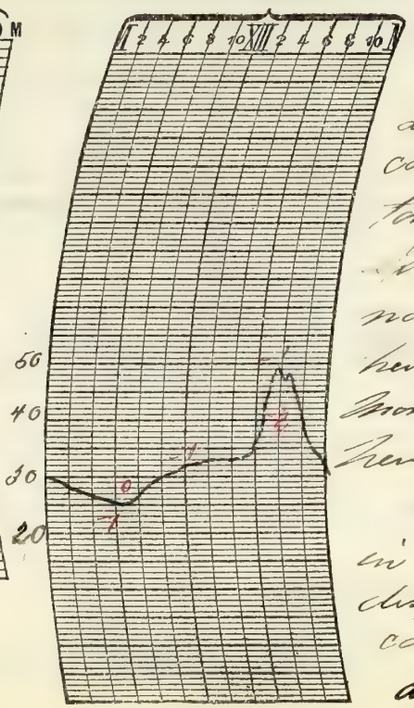


NOTES.

The following message was received at 10:13 am and phoned to all parties concerned: Heavy snow this afternoon and tonight with easterly gales in Michigan, extreme northern Indiana, northern Ohio, northern Pennsylvania, and western New York and tonight and probably Monday in New England and interior of New York.

A cold wave warning was received in the am forecast at 11:05 am. It was dispatched by telephone to all parties concerned.

A most disagreeable day with rain and snow. High winds at night. Streets slushy from melting snow, with icy surface.

Prepared by CCS
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 22 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	22	20	18	19	19	20	22	23	23	23
Nature of precipitation and time of beginning and ending									SNB 8:30			
Amounts of precipitation												
Cloudiness and other conditions	?	Clear						x Hzy	x	Cloudy		
Sunrise: Time, Character,	7:00 Cloudy											
Sunshine (in tenths of hours)								0	0	0	0.4	0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	31	34	32	28	24	20	16	12	7	5	6	8
Maximum velocities (exceeding 22 miles) direction and time	36 SW 12:01	38 SW 1:28	37 SW 2:21	31 SW 3:12	31 SW 4:10							

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	24	22	20	18	17	15	15	15	15	15
Nature of precipitation and time of beginning and ending				SNE 8:10								
Amounts of precipitation												
Cloudiness and other conditions				x Pt Cloudy	x			Clear				?
Sunset: Time, Character,									4:46 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	SW
Wind movement	14	14	14	11	8	7	5	5	4	4	4	5

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

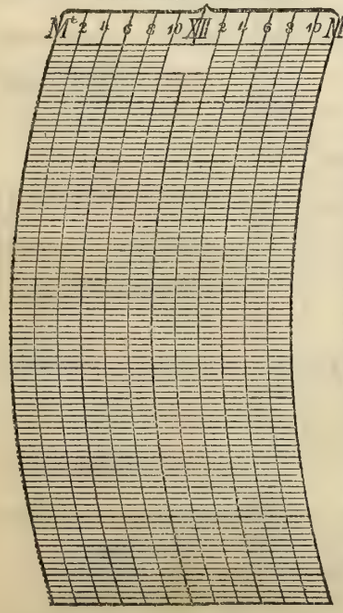
Maximum.	Minimum.	Mean.	Normal.
31	15	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 0.4
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 4
Prevailing direction, W.
Total movement, 318
Average hourly velocity, 13.2

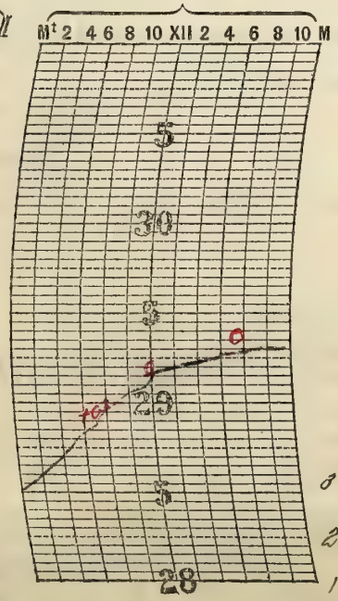
Maximum velocity,	Direction,	Time.
38	SW	Began 1:28 am
Extreme velocity, 42	SW	1:28 am

Relative humidity, 7 a. m., 85; 12 M., 73; 7 p. m., 80
Reduced barometer, 29.90 a. m., 30.23 p. m.
River gage, 3.2 ft.

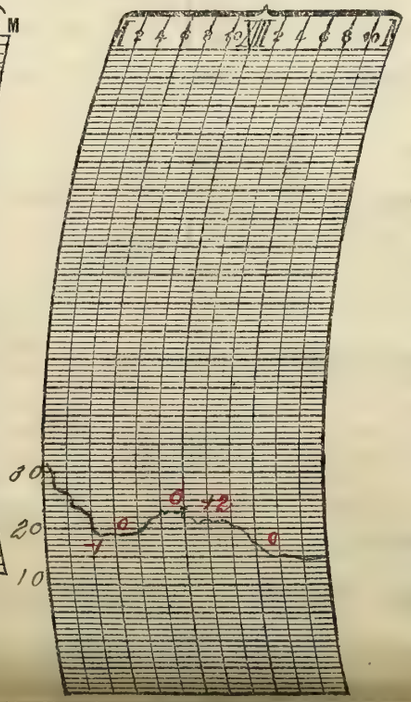
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold day with moderate winds and snow flurries all day, streets and roads icy and slippery

Prepared by C. C. A.
Verified by P. M. G.

S—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 23 1917, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	15	14	13	13	13	15	17	17	19	22	23	27	27	29	31	30	30	29	27	24	24	23	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	Cloudy								×	Pt Cloudy			×	Clear									?
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.58 0.2							
Wind direction	SW	SW	S	S	S	S	S	SE	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	SW	SW	SW
Wind movement	3	4	2	4	4	3	4	6	7	9	13	14	14	12	13	14	10	9	11	10	11	11	10	8

Sunrise: Time, 6:59; Character, Cloudy

Sunset: Time, 4:47; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	31	12	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, New 1:40 am

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 8.0

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 82

Prevailing direction, S.

Total movement, 206

Average hourly velocity, 8.6

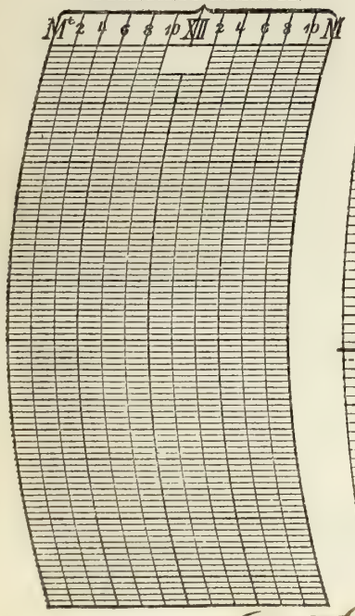
Maximum velocity,	Direction,	Time.
17	SW	Began 11:48 am
Extreme velocity, 18	SW	11:44 am

Relative humidity, 7 a. m., 69; 12 M., 65; 7 p. m., 65

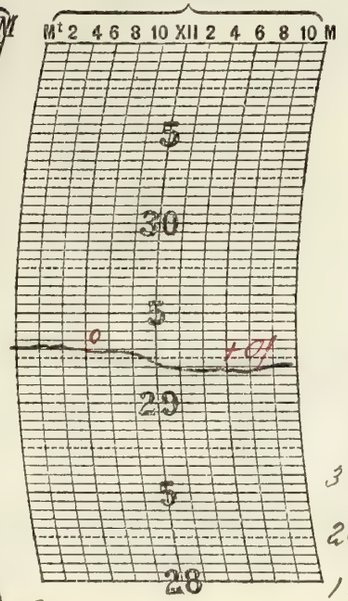
Reduced barometer, 30.26 a. m., 30.13 p. m.

River gage, 3.5 ft

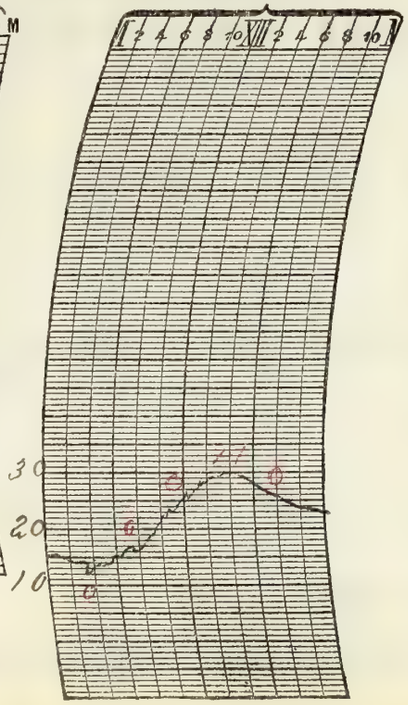
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A moderate day. Streets and walks icy and slippery.

Prepared by E.C.S.

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 24 1917, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	22	23	22	21	20	23	24	25	27	29	31	32	34	34	33	32	31	29	27	25	23	22	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	Pt Cloudy	—	—	—	×	Cloudy	—	—	—	—	—	—	—	×	Cloudy	×	Clear	—	—	—	→
Sunrise: Time, 6:59; Character, Cloudy																								
Sunset: Time, 4:48; Character, Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	0.2	0	0	0	0	0							
Wind direction	SW	S	SW	S	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW
Wind movement	11	9	8	8	8	8	9	9	9	8	8	8	9	10	9	9	10	8	8	8	11	10	10	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	20	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 1.6

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 16

Prevailing direction, SW.

Total movement, 217

Average hourly velocity, 9.0

Maximum velocity, 12 Direction, W Time. Began 8:19 pm

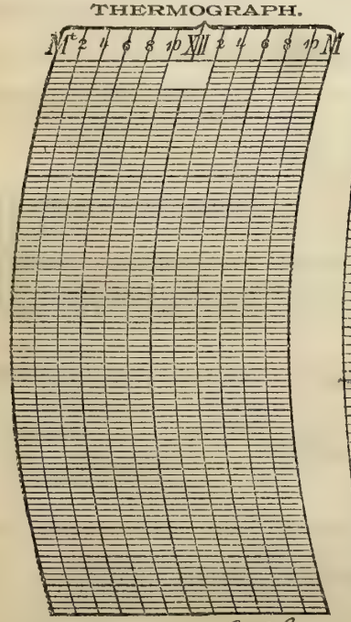
Extreme velocity, 12 W 8:19 pm

Relative humidity, 7 a. m., 80; 12 M., 69; 7 p. m., 89

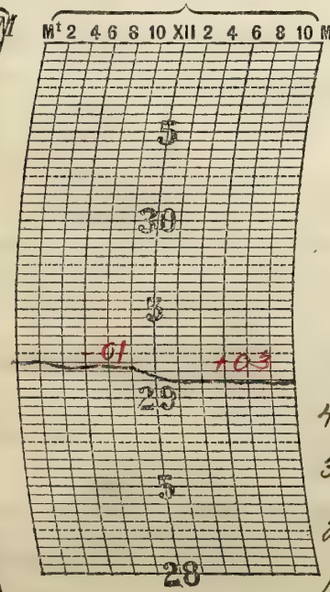
Reduced barometer, 30.13 a. m., 30.09 p. m.

River gage, 3.9 ft. 1

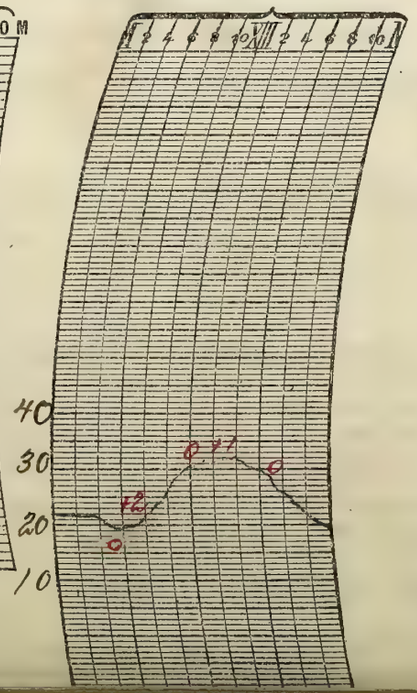
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CAS
Verified by AMG.

Form No. 1012—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) JAN 25 1917, 191

Time (local standard), 90th mer.

1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	17	16	15	13	12	11	9	10	11	13	17	18	21	23	24	23	21	19	19	19	19	16	13
State of weather: Nature of precipitation and time of beginning and ending																		5:15						
Amounts of precipitation																		—	—	—	—	—	—	—
Cloudiness and other conditions	←				Clear										×Cly×		Cloudy							→
Sunrise: Time, 6:58 Character, Cloudy																					Sunset: Time, 4:49 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	W
Wind movement	14	15	15	14	17	15	16	15	16	16	16	16	15	12	11	5	5	3	5	6	5	9	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
25	9	17	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 0.7 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 67

Prevailing direction, SW.

Total movement, 279

Average hourly velocity, 11.6

Maximum velocity, 22 Direction, SW Time, Began 1:47 am

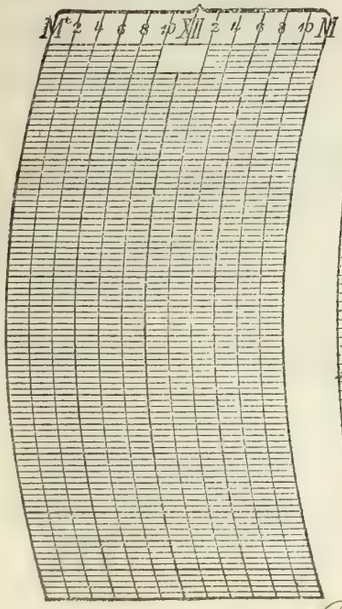
Extreme velocity, 22 SW 1:47 am

Relative humidity, 7 a. m., 83; 12 p. m., 67; 7 p. m., 91

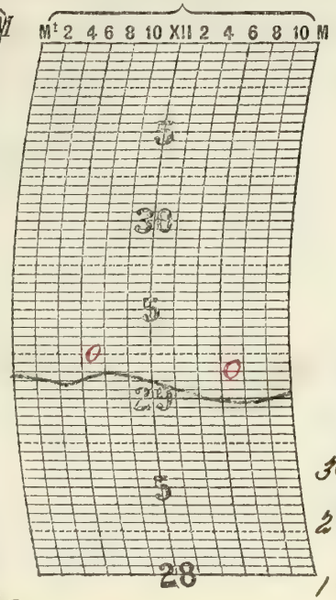
Reduced barometer, 20.07 a. m. 29.95 p. m.

River gage, 3.6

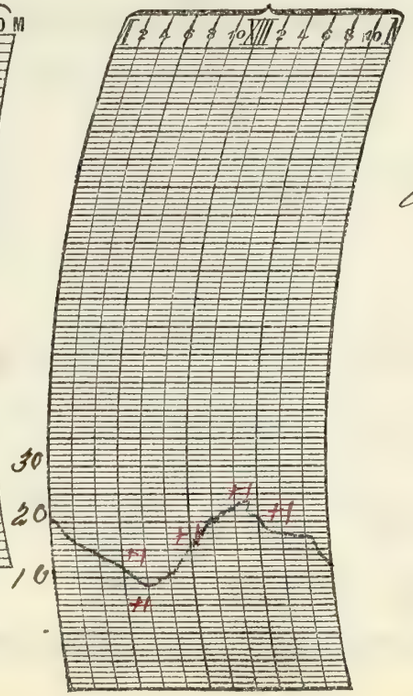
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

A dry and very light snow commenced at 5:15 and continued until 1:30 am of the following day.

Prepared by C.A.S.

Verified by E.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 26 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	12	10	5	2	0	-3	-4	-3	7	11	13	14	14	17	15	15	4	13	13	13	13	13	12
Nature of precipitation and time of beginning and ending	—	SW E 1:30																						
Amounts of precipitation	—	—																						
Cloudiness and other conditions	Cldy	—	?	—	—	—	Clear	—	—	—	Pt Cldy	—	—	—	Cloudy	—	—	—	—	—	—	—	—	?
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0							
Wind direction	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	E	E	SE	E	E	E	E	E	NE
Wind movement	9	11	11	9	8	8	9	8	8	6	6	8	11	8	6	3	4	5	6	6	9	10	10	12

Sunrise: Time, 6:57 Character, Cloudy

Sunset: Time, 6:51 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

2 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
17	-4	6	

Total depth of snow for 24 hours ending 7 p. m., 2.9 inches.

Snow on ground 7 p. m., 3.4 inches.

Total snowfall, midnight to midnight, .04 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 67

Prevailing direction, SW.

Total movement, 191

Average hourly velocity, 8.0

Maximum velocity, 12 Direction, E Time. Began 10:15 pm

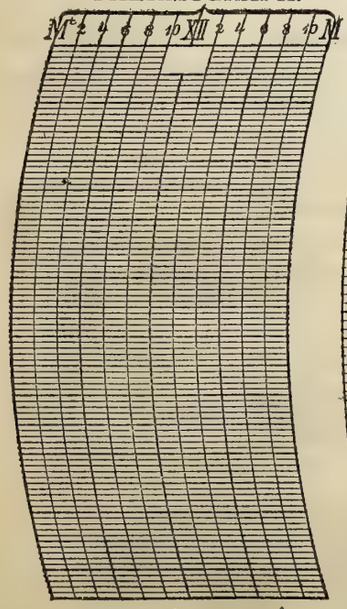
Extreme velocity, 12 — E — 10:15 pm

Relative humidity, 7 a. m., 62; 12 m., 62; 7 p. m., 77

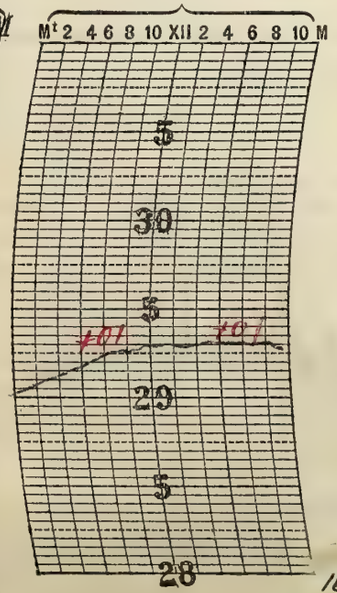
Reduced barometer, 30.18 a. m. 30.30 p. m.

River gage, 3.5 ft.

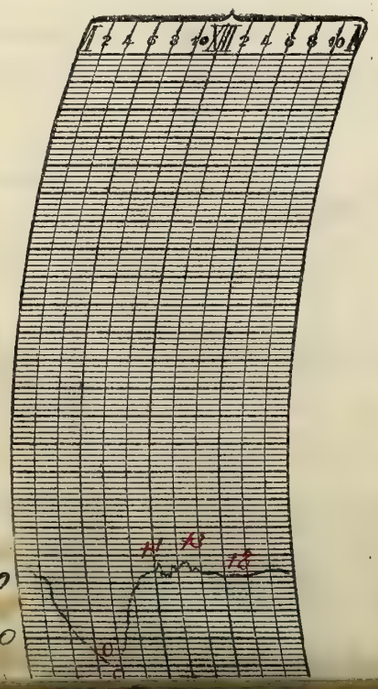
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by Chas Fonger.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 27 1917, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	13	14	14	15	15	16	17	19	23	30	37	42	40	40	40	39	37	36	33	31	29	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	Cloudy	—	—	—	—	—	—	—	—	—	—	Cloudy	—	—	—	—	—	—	—	—	?
Sunrise: Time, 6:56; Character, Cloudy																								
Sunset: Time, 4:52; Character, Cloudy																								
Sunshine (in tenths of hours)							0	0	0.3	1.0	1.0	1.0	1.0	0	0	0	0							
Wind direction	NE	NE	E	E	NE	NE	E	NE	E	NE	NE	E	S	SW	SW	SW	SW	SW	W	W	W	W	W	SW
Wind movement	14	13	12	12	12	9	11	8	8	6	4	4	8	14	11	10	11	11	11	9	6	6	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	12	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.3

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 43

Prevailing direction, NE.

Total movement, 224

Average hourly velocity, 9.3

Maximum velocity, 18 Direction, SW Time. Began 1:38 pm

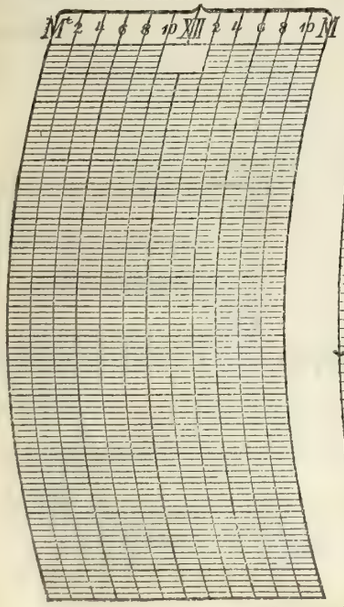
Extreme velocity, 21 — SW — 1:38 pm

Relative humidity, 7 a. m., 86; 12 m., 74; 7 p. m., 81.

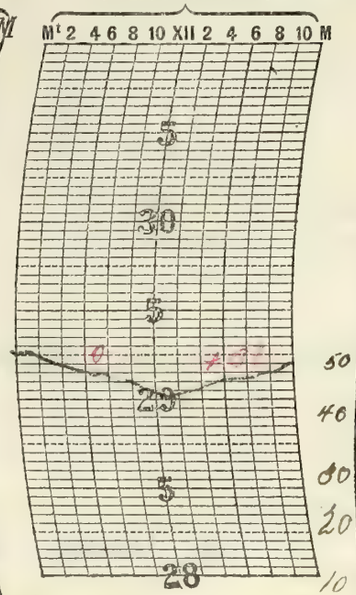
Reduced barometer, 30.11 a. m., 30.08 p. m.

River gage, 3.4 ft.

THERMOGRAPH.



BAROGRAPH.



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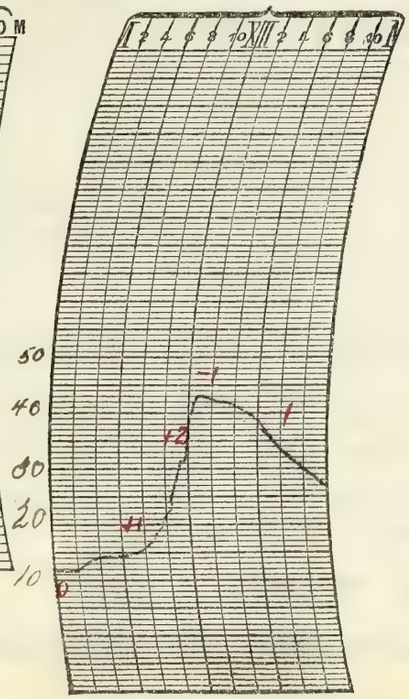


NOTES.

The weather being quite warm there was considerable thawing to-day.

Prepared by C. A. S.
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 28 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	23	24	24	25	25	29	28	30	34	35	36	37	38	37	38	38	42	43	44	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	Clear						x01 Cly+		Cloudy		—				Cloudy							
Sunshine (in tenths of hours)							0	0	0.8	1.0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	S	S	S	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	6	4	5	4	5	3	4	5	4	8	9	10	14	13	15	11	9	10	11	16	14	11	13	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:55 Character, Cloudy

Sunset: Time, 4:53 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	23	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.8

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 18

Prevailing direction, SE. & S.

Total movement, 216

Average hourly velocity, 9.0

Maximum velocity, 19 Direction, S Time. Began 7:28 p.m.

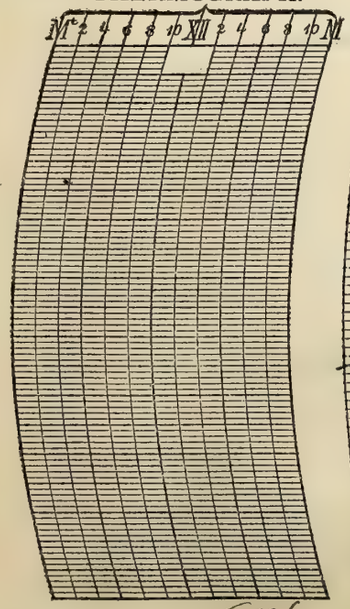
Extreme velocity, 20 — S — 7:28 p.m.

Relative humidity, 7 a. m., 82; 12 m., 81; 7 p. m., 91

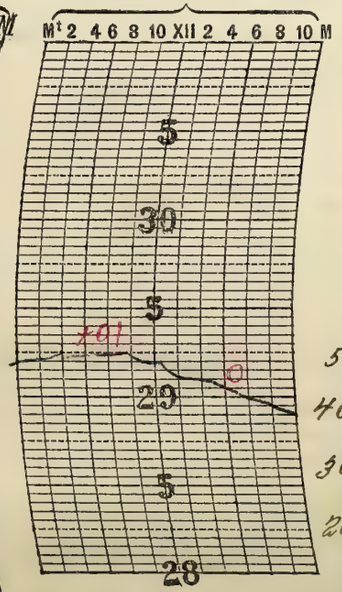
Reduced barometer, 30.22 a. m. 30.00 p. m.

River gage, 3.2 ft.

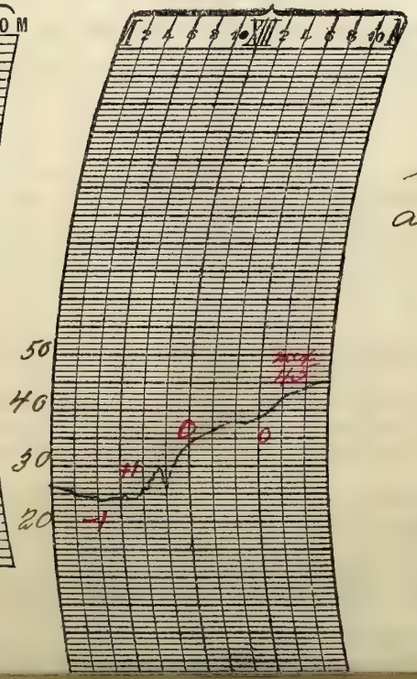
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was quite warm causing considerable thawing which made walking very disagreeable and slippy.

Prepared by C.A.S.

Verified by P.M.S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 29 1917, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	46 RB DNA	47	46	45	46	46	46 RE 7:05	46	46	47	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation		—	—	—	—	—	—	—				
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 6:55 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	11	10	13	10	9	10	9	9	11	12	12	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	47	47	45	42	38	37	35	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy								Clear			
Sunset: Time, 4:54 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	12	11	13	13	15	16	11	12	11	6	5	6

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	34	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase, First Quarter 7:02 pm

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction, SW.

Total movement, 258

Average hourly velocity, 10.8

Maximum velocity, 16 Direction, SW Time, Began 5:33 pm

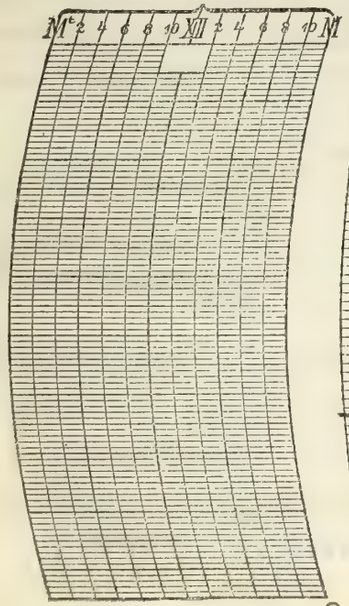
Extreme velocity, 16 SW 5:33 pm

Relative humidity, 7 a. m., 100 12 M., 96 7 p. m., 84

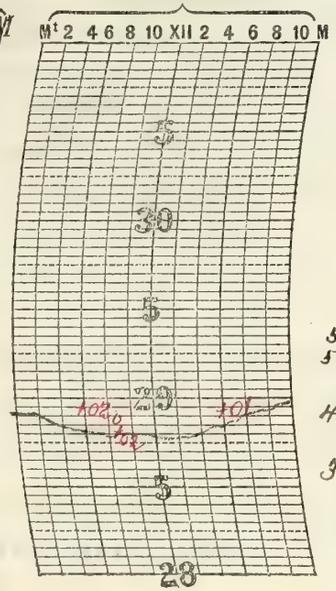
Reduced barometer, 29.71 a. m., 29.80 p. m.

River gage, 3.3 ft.

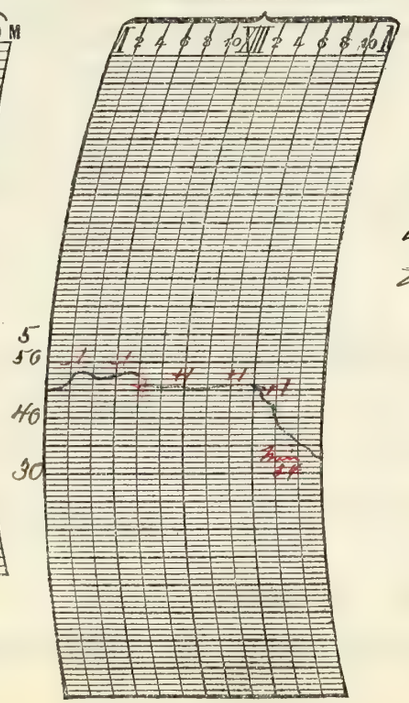
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light fog which settled over the city at 7:08 am turned dense at 7:25 am and continued dense until 8:25 am when it again became light and continued throughout the day.

A warm, gloomy, disagreeable day.

Prepared by C. C. S.

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 30 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	31	31	30	30	29	31	35	38	40	42	42	45	43	42	39	38	36	35	34	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											?
Sunrise: Time, 6:54; Character, Clear							.10	1.0	0.2								.52				Sunset: Time, 4:55; Character, Clear			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4							
Wind direction	W	NW	NW	NW	NW	NW	NW	S	SW	N	S	S	SW	SW	SW	SE	E	E	NE	E	E	NE	NE	E
Wind movement	7	9	5	4	3	2	2	4	2	2	8	7	7	5	3	3	4	6	7	9	10	11	11	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	29	37	/

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ✓

Average daily cloudiness (0-10), FEW

Actual sunshine, hours, 10.0

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 100

Prevailing direction, NW

Total movement, 140

Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
14	NE	Began 9:32 pm

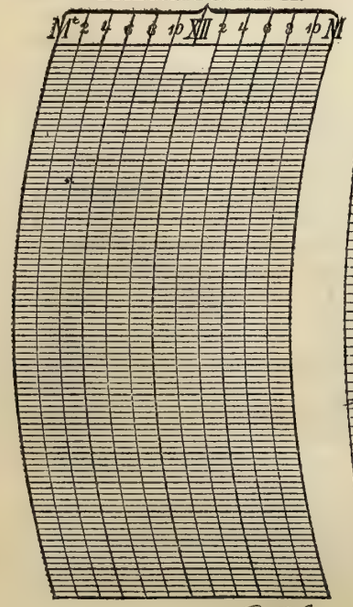
Extreme velocity, 15 — NE — 9:32 pm

Relative humidity, 7 a. m. 84 12 M. 68 7 p. m., 67

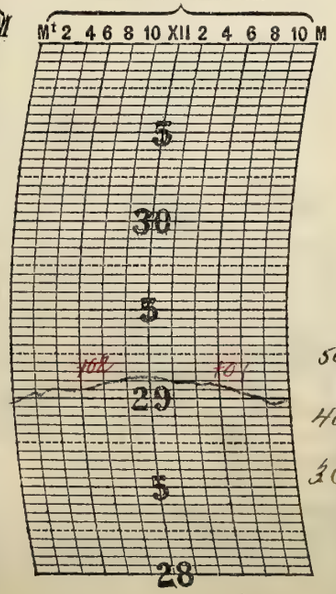
Reduced barometer, 30.03 a. m. 30.02 p. m.

River gage, 3.3 ft.

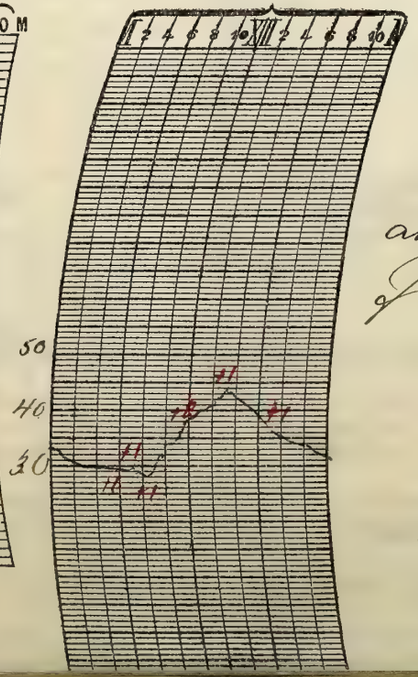
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The light fog which began during night am ended at 8:30 am

Cold wave warning received over phone about 11:00 pm. It was given to the Journal-Gazette.

Prepared by EAS

Verified by JMCO.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 31 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	33	32	33	33	34	35	35	34	34	34	33	33	34	33	33	33	32	34	37	34	37	30
State of weather: Nature of precipitation and time of beginning and ending													RB 12:10 RE 12:45											
Amounts of precipitation													T											
Cloudiness and other conditions	?					Cloudy											Cloudy							
Sunrise: Time, 6:53 Character, Cloudy																					Sunset: Time, 4:57 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.5	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	SE	SW	W	W	W
Wind movement	11	15	14	15	14	12	14	14	15	17	15	17	14	11	12	10	11	6	3	4	15	19	23	17
Maximum velocities (exceeding 29 miles) direction and time																								

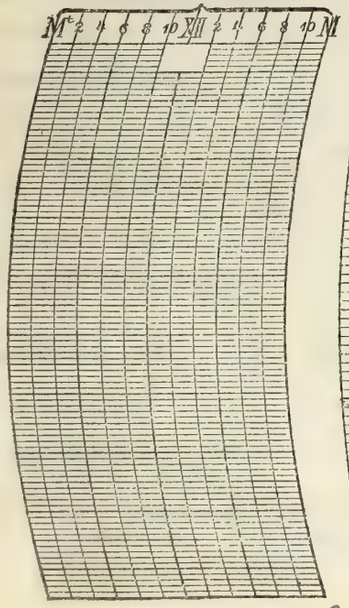
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

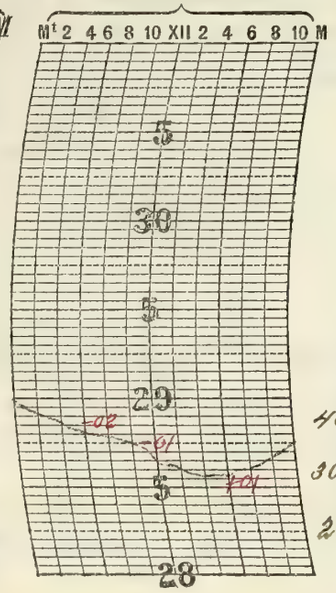
Maximum.	Minimum.	Mean.	Normal.
37	30	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 5
Prevailing direction, NE
Total movement, 318
Average hourly velocity, 13.2
Maximum velocity, 26 Direction, W Time. Began 10:38 am
Extreme velocity, 27 W 10:41 am
Relative humidity, 7 a. m., 75; 12 N 77; 7 p. m., 80
Reduced barometer, 29.70 a. m., 29.54 p. m.
River gage, 7.0 ft.

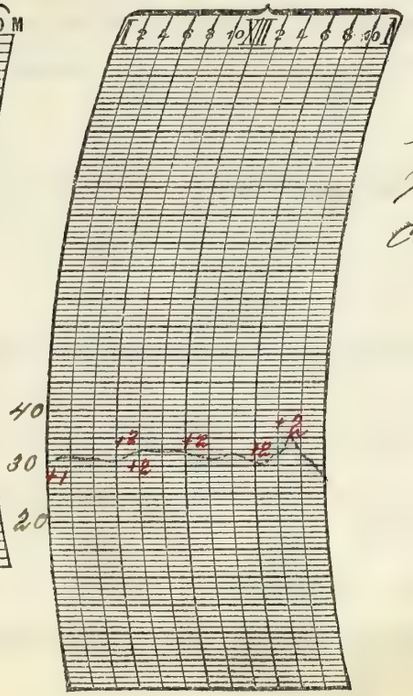
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold wave warning was received embodied in the regular am forecast. It was published on all maps and cards issued.

Prepared by C.O.S.
Verified by C.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB - 1 1917, 191

Time (local standard), 90° mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	26	24	24	23	22	21	20	19	19	21	20	20	19	18	16	15	13	11	10	9	8	6	5
State of weather: Nature of precipitation and time of beginning and ending		SqS DNA	SqE DNA				SqS 6:20 SqE 6:25						SqS 12:50						SqE 4:30					
Amounts of precipitation		T	T				T						+	—	—	—	—	—	—					
Cloudiness and other conditions	Cloudy														Cloudy					Clear				
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	0.7	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	WW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	20	18	22	17	18	16	21	20	16	17	19	19	17	16	17	21	21	16	17	16	16	17	17	16

Sunrise: Time, 6:52; Character, Cloudy

Sunset: Time, 4:58; Character, Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	5	18	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.3

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 43

Prevailing direction, W.

Total movement, 430

Average hourly velocity, 17.9

Maximum velocity, 26 Direction, W Time. Began 1:43 am

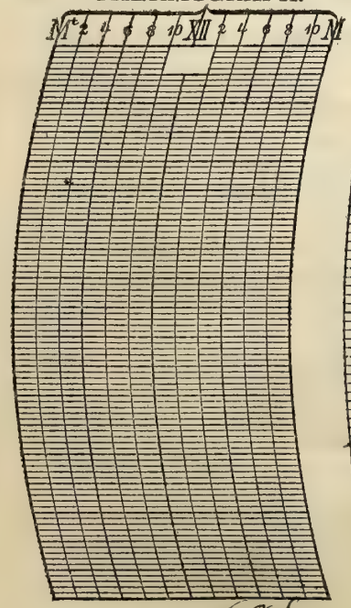
Extreme velocity, 26 — W — 1:43 am

Relative humidity, 7 a. m., 86, 12 m., 70; 7 p. m., 63

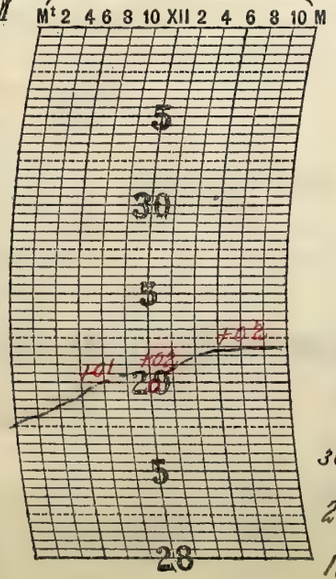
Reduced barometer, 29.93 a. m., 30.17 p. m.

River gage, 6.4 ft.

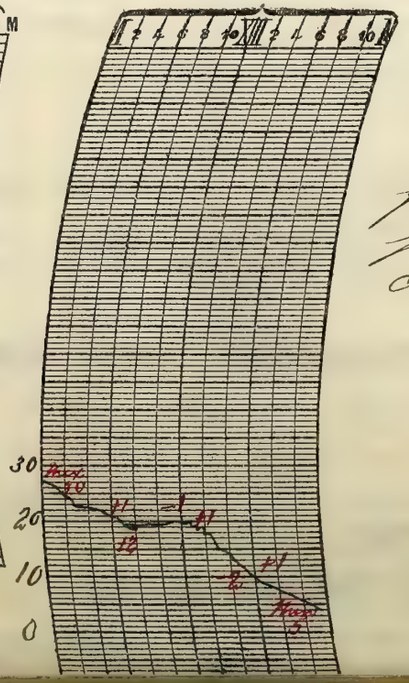
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold wave warning was received in the regular am forecast at 9:45 am. It was published on all maps and cards.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB - 2 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	3	1	0	-2	-3	-4	-5	-6	-5	-4	-3	-1
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	—	Cloudy					—	Pt Cloudy			
Sunrise: Time, Character,	6:51 Cloudy											
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0
Wind direction	W	SW	SW	SW	W	SW	SW	W	SW	SW	SW	W
Wind movement	17	17	18	18	19	17	20	19	19	22	23	24
Maximum velocities (exceeding 29 miles) direction and time												30 W 11:17

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-2	-2	-2	-2	-2	-3	-3	-3	-3	-3	-4	-4
Nature of precipitation and time of beginning and ending							8:15 6:00 8:12 6:25					
Amounts of precipitation							T					
Cloudiness and other conditions	—	—	—	—	—	—	Cloudy					?
Sunset: Time, Character,									4:59 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	27	26	23	23	22	20	21	24	25	25	25	24
Maximum velocities (exceeding 29 miles) direction and time	31 W 12:45	30 SW 1:38		33 SW 3:13					30 SW 8:32	30 W 9:12	31 SW 10:17	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	5	-7	-1	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 6.5

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 64

Prevailing direction, SW.

Total movement, 516

Average hourly velocity, 21.5

Maximum velocity, 33 Direction, SW Time. Began 3:13 pm

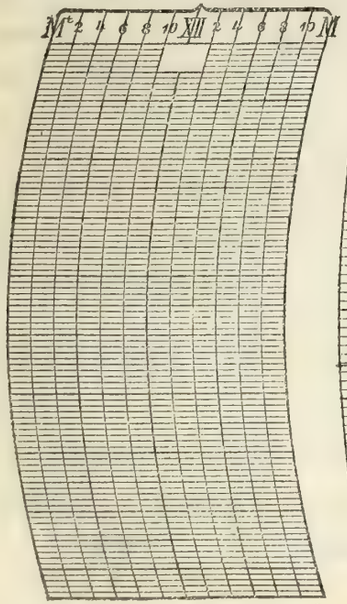
Extreme velocity, 34 SW 3:13 pm

Relative humidity, 7 a. m., 75; 12 p. m., 66; 7 p. m., 55

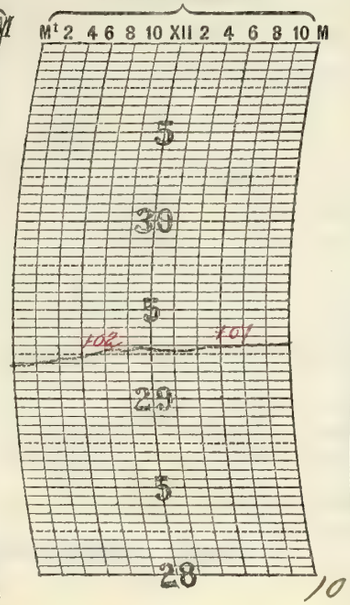
Reduced barometer, 30.25 a. m., 30.30 p. m.

River gage, 5.8 ft.

THERMOGRAPH.



BAROGRAPH.



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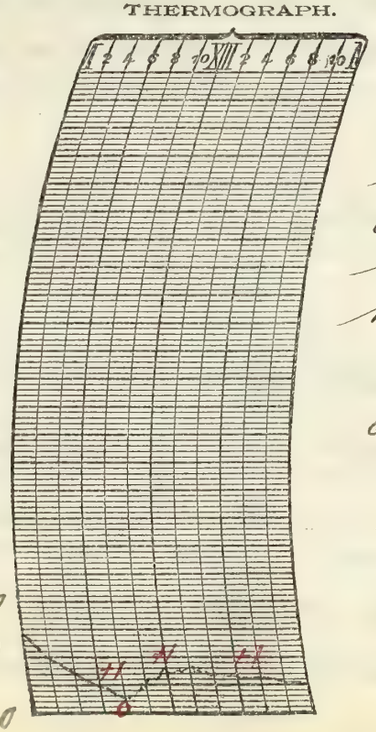


Prepared by C.A.S.
Verified by P.M.S.

8—486

NOTES.

This was the coldest day of the season the highest temperature was 3° about one am and fell to 7 degrees below zero about 8:00 am and remained below zero throughout the day

Faint lunar halo observed at 6:35 pm.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB - 3 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-4	-4	-4	-4	-3	-3	-1	2	5	9	10
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?			Clear					Partly Cloudy			
Sunrise: Time, Character,	6:50 Clear											
Sunshine (in tenths of hours)							.17 0	0.9 0.1	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	24	20	19	18	17	16	21	22	18	18	19	23

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	15	17	17	18	18	17	18	18	20	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy				Partly Cloudy					?
Sunset: Time, Character,									5:01 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	19	20	17	18	16	18	14	14	13	14	15

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
20	-4	8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.6

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 84

Prevailing direction, SW.

Total movement, 432

Average hourly velocity, 18.0

Maximum velocity, 28 Direction, SW Time. Began 2:52 pm

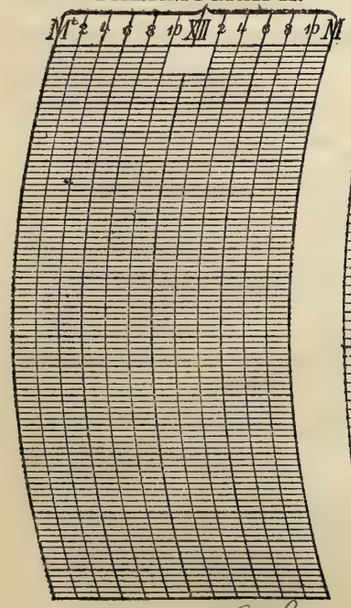
Extreme velocity, 29 SW, 2:52 pm

Relative humidity, 7 a. m., 77; 12 m., 72; 7 p. m., 53

Reduced barometer, 30.35 a. m., 29.95 p. m.

River gage, 4.3 ft.

THERMOGRAPH.



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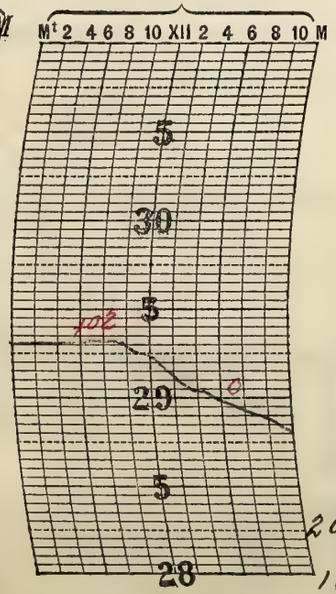

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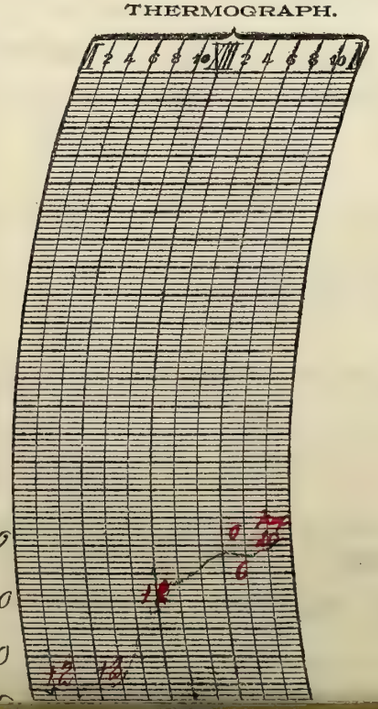


NOTES.

Prepared by C. A. S.
Verified by P. Mez.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB - 4 1917, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	22	23	23	21	19	18	11	8	7	4	4
State of weather: Nature of precipitation and time of beginning and ending					SPB 4:30							
Amounts of precipitation					—	—	—	—	—	—	—	—
Cloudiness and other conditions	P				Cloudy							
Sunrise: Time, Character,	6:49 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	14	15	17	18	18	20	19	18	16	17	21	22
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	4	2	1	0	-2	-4	-6	-7	-7	-7	-8
State of weather: Nature of precipitation and time of beginning and ending		SPE 1:50							SPB 8:15			SPE DNP
Amounts of precipitation	—	—							—	—	—	—
Cloudiness and other conditions					Cloudy							?
Sunset: Time, Character,									5:02 Cloudy			
Sunshine (in tenths of hours)	0.8	1.0	0.5	0	0	0						
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	26	27	31	32	30	29	25	24	22	24	21	21
Maximum velocities (exceeding 29 miles) direction and time		40 W 1:58	36 W 2:54	34 W 3:13	35 W 4:09	35 W 5:11	30 SW 6:47	30 SW 7:02				

Maximum.	Minimum.	Mean.	Normal.
23	-8	8	

Total depth of snow for 24 hours ending 7 p. m., 1.4 inches.

Snow on ground 7 p. m., 1.4 inches.

Total snowfall, midnight to midnight, 1.5 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10.0

Actual sunshine, hours, 2.3

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 23

Prevailing direction, SW.

Total movement, 527

Average hourly velocity, 22.0

Maximum velocity, 40 Direction, W. Began 1:58 pm

Extreme velocity, 42 W 1:58 pm

Relative humidity, 7 a. m., 92 12 Noon 88 7 p. m., 62

Reduced barometer, 29.46 a. m. 29.87 p. m.

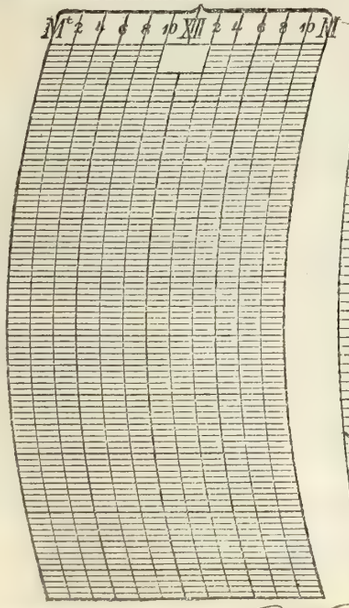
River gage, 6.2

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

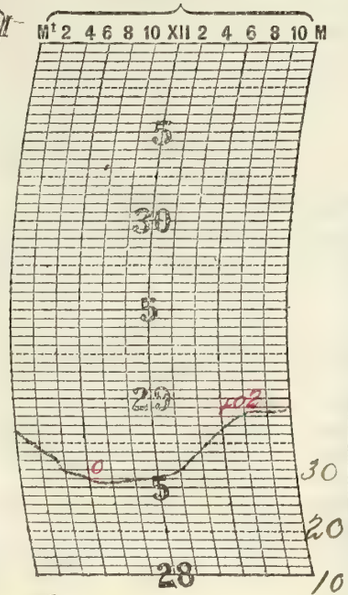
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

THERMOGRAPH.



BAROGRAPH.



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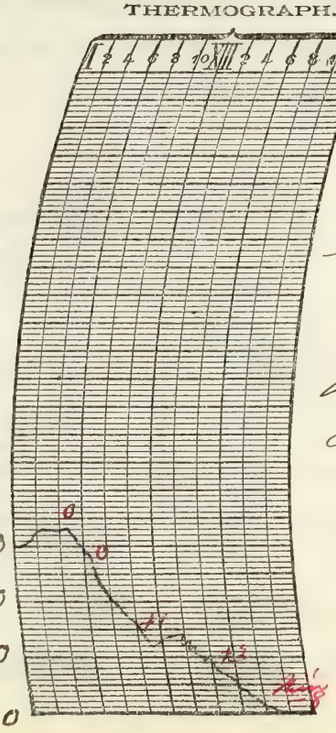


NOTES.

A warning of a severe cold wave received at 6:40 am. Interests advised by phone and cold wave flag hoisted.

A cold wave without warning occurred between the hours of 3 and 4 pm of the 4th.

A very cold unpleasant day with high westerly winds and drifting snow.

Prepared by CCS

Verified by F. Mead

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 5 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-8	-8	-8	-8	-7	-7	-6	-5	-4	-3	0	2	4	5	5	5	5	6	6	6	5	7	8	8
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	Clear	—	—	—	x Cloudy	x Cloudy	x Cloudy	x	—	Cloudy	—	x	—	—	Pt Cloudy	Pt Cloudy	—	—	—	—	?
Sunrise: Time, 6:48; Character, Cloudy													Sunset: Time, 5:03; Character, Cloudy											
Sunshine (in tenths of hours)							0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.3	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	23	21	22	21	18	18	17	17	20	17	20	19	20	20	20	18	18	15	17	17	15	15	16	12
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
8	-8	0	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 1.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., x .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.9

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 58

Prevailing direction, SW.

Total movement, 436

Average hourly velocity, 18.2

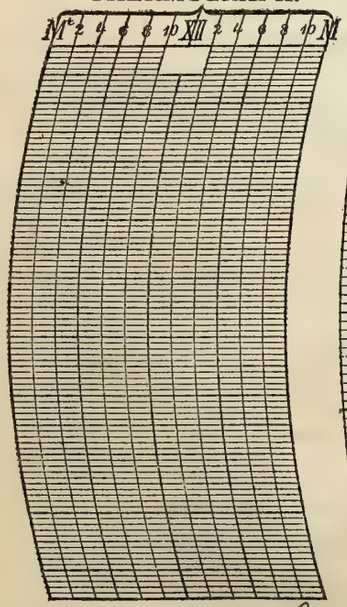
	Maximum velocity,	Direction,	Time.
	27	SW	Began 4:36 am
Extreme velocity,	28	SW	4:38 am

Relative humidity, 7 a. m., 74; 12 N., 41; 7 p. m., 20

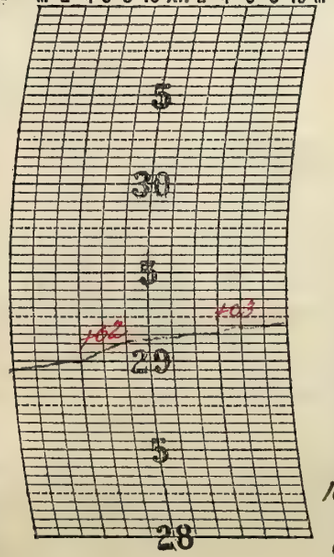
Reduced barometer, 30.04 a. m. 30.19 p. m.

River gage, 5.9 ft.

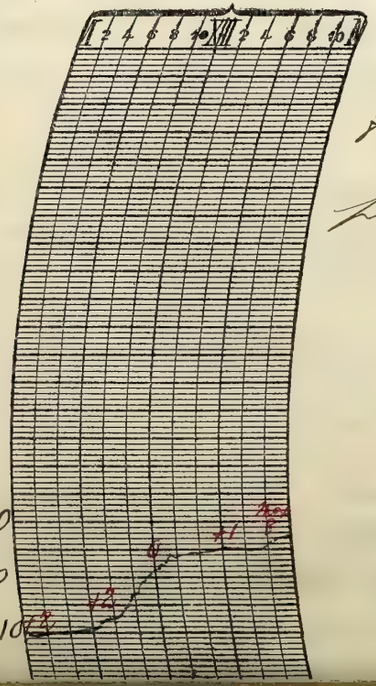
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cold wave occurred between am of the 4th & am of the 5th.

x For beginnings and endings see previous date.

Prepared by CAS

Verified by P.M.G.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB - 6 1917, 191

Time (local standard), 90" mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	7	7	5	4	4	4	4	8	12	16	21	24
Nature of precipitation and time of beginning and ending			SW DNA	SW E DNA								
Amounts of precipitation			T	T								
Cloudiness and other conditions	?	Clear						Pt Cloudy				
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW
Wind movement	11	13	11	10	11	11	10	12	13	16	15	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	27	28	28	26	25	24	24	26	27	27	28
Nature of precipitation and time of beginning and ending						SW 5 3515	-	-	SE 8 40			
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0	0						
Wind direction	SW	S	S	S	SW	S	S	S	S	S	S	S
Wind movement	15	15	15	15	15	14	13	13	13	10	9	11

Sunrise: Time, 6:47, Character, Cloudy

Sunset: Time, 5:04, Character, Cloudy

Maximum velocities (exceeding 2.9 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
28	3	16	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 1.2 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Pt Cloudy Moon phase, Full - 9:28 pm

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 6.8

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 66

Prevailing direction, SW

Total movement, 305

Average hourly velocity, 12.7

Maximum velocity,	Direction,	Time.
22	S	Began 5:29 pm

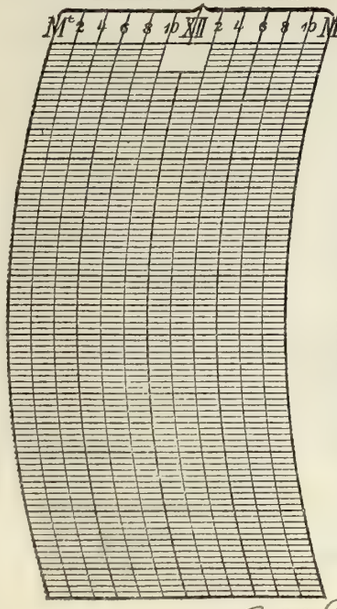
Extreme velocity, 23 — S — 5:29 pm

Relative humidity, 7 a. m., 84; 12 m., 61; 7 p. m., 91

Reduced barometer, 30.26 a. m. 30.17 p. m.

River gage, 4.8 ft.

THERMOGRAPH.



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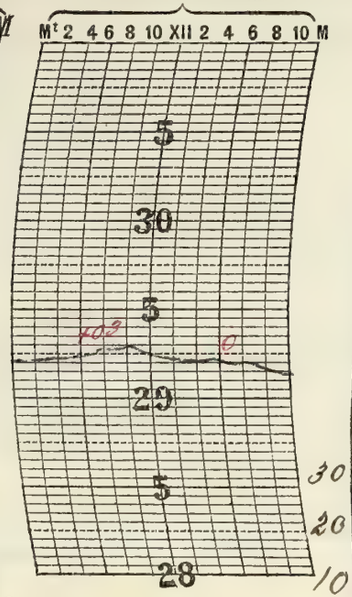

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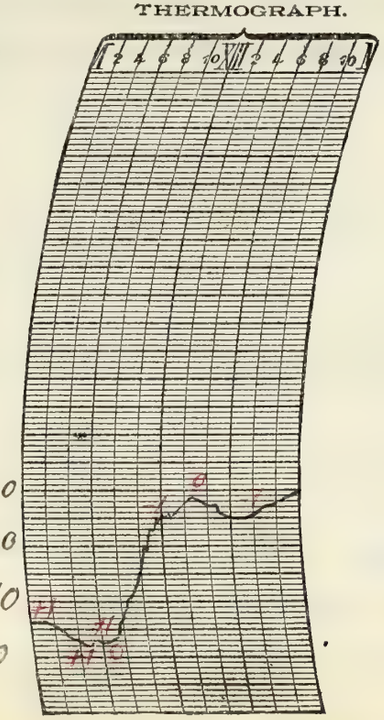


NOTES.

Prepared by C. C. S.
Verified by P. M. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 7 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	27	29	29	30	29	29	29	30	30	29	30
			S/B DNA					SAE 7:45				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	6:45 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	12	12	11	12	15	15	17	18	20	23
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	30	30	32	32	33	33	31	29	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									5:05 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	24	26	25	21	22	22	21	22	21	19	14	14
Maximum velocities (exceeding 29 miles) direction and time		31 SW 1:18	32 SW 2:17									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
33	27	30	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow on ground 7 p. m., 0.9 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 0

Prevailing direction, SW.

Total movement, 431

Average hourly velocity, 18.0

Maximum velocity, 32 Direction, SW Time. Began 2:17 pm

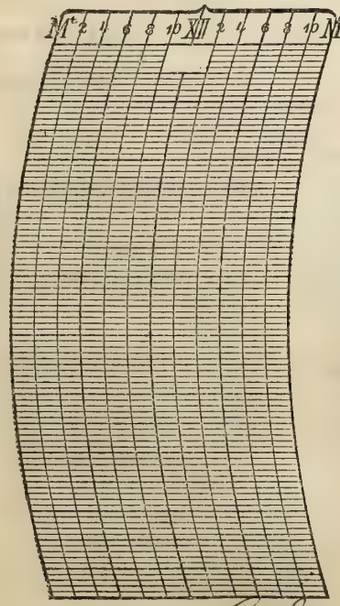
Extreme velocity, 43 — SW — 2:17 pm

Relative humidity, 7 a. m., 84; 12 M., 78; 7 p. m., 79

Reduced barometer, 29.97 a. m. 29.93 p. m.

River gage, 3.8 ft.

THERMOGRAPH.



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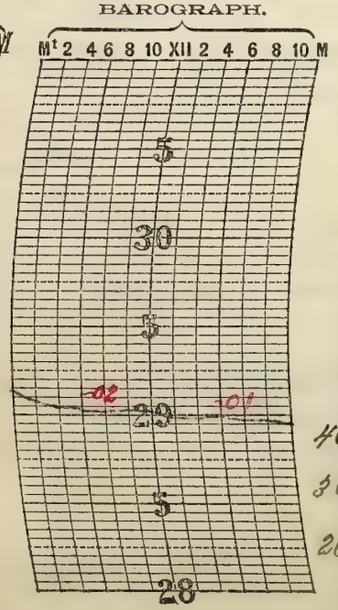

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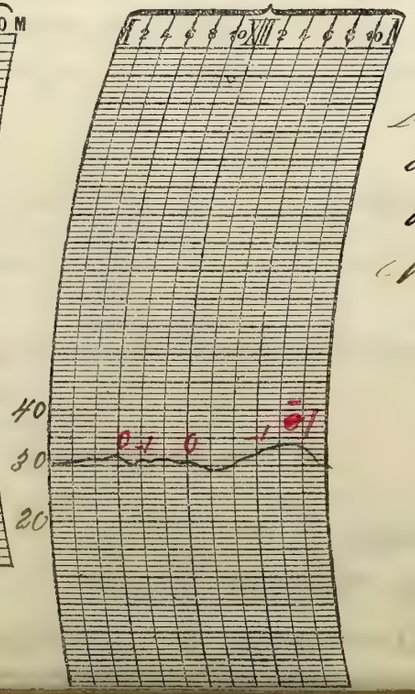


NOTES.

Cold wave warning issued Feb. 7, Washington, D.C., 10.24 pm received at 7:25 am. of the 8th. A fall of 25° or more was predicted by the day morning.

Prepared by EOS

Verified by PMED.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB - 8 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	29	28	29	29	29	29	29	30	30	28	27
State of weather: Nature of precipitation and time of beginning and ending							S ⁵⁷ B 6:30		S ⁵⁷ E 8:40	S ⁵⁷ B 9:30		
Amounts of precipitation							—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 6:44; Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0	0.2
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	NW
Wind movement	13	12	13	12	12	10	10	10	9	8	7	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	23	21	19	19	18	16	15	13	12	9	7
State of weather: Nature of precipitation and time of beginning and ending							S ⁵⁷ E 6:10					
Amounts of precipitation	—	—	—	—	—	—	—					
Cloudiness and other conditions	Cloudy											
Sunset: Time, 5:07; Character, Cloudy												
Sunshine (in tenths of hours)	0.6	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	13	12	7	9	12	10	10	10	8	6
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

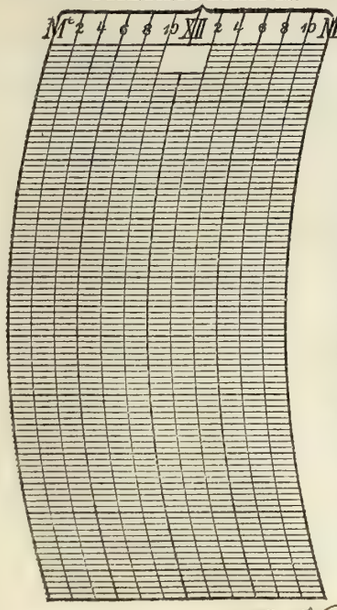
	Maximum.	Minimum.	Mean.	Normal.
	31	7	19	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow on ground 7 p. m., 1.2 inches.
Total snowfall, midnight to midnight, 0.6 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0.8
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 8
Prevailing direction, NW
Total movement, 252
Average hourly velocity, 10.5

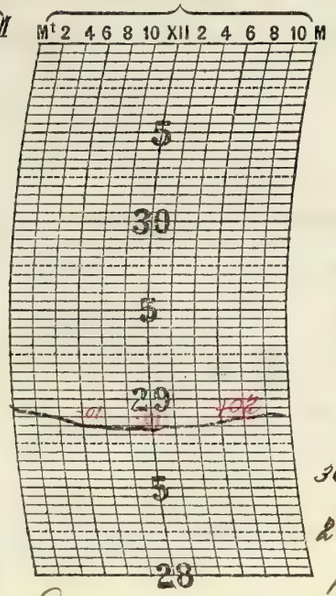
Maximum velocity,	Direction,	Time.
16	NW	Began 1:38 pm

Extreme velocity, 16 – NW — 1:38 pm
Relative humidity, 7 a. m., 83; 12 m., 88; 7 p. m., 72
Reduced barometer, 29.78 a. m., 29.86 p. m.
River gage, 3.3 ft.

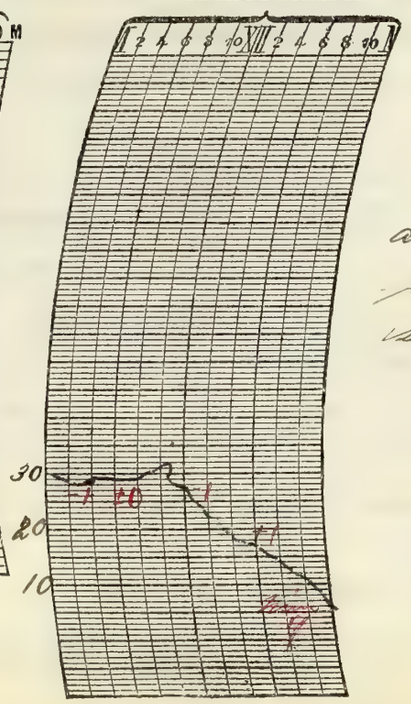
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave warning delivery of 4th received at 7:25 am. Flag was hoisted

Cold wave warning received in regular am forecast at 9:35 am. It was published on all cards and map used.

Prepared by C C D
Verified by P. McG.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB - 9 1917, 191

Time (local standard), 90" mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	2	2	3	4	5	6	5	5	4	3	7
Nature of precipitation and time of beginning and ending			SqB DNR	SqE DNA					SqB 8:10		SqE 11:00	
Amounts of precipitation			—	—					—	—	—	
Cloudiness and other conditions	?	—	—	Clear	—	—	x	Pt Cldy	x	Cloudy	x	—
Sunrise: Time, 6:43 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0.3	0.6	0.4	1.0
Wind direction	NW	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	6	6	6	6	6	7	6	10	13	13	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	11	10	10	8	6	4	3	2	0	0	0
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	Pt Cloudy			x	—	Clear					→
Sunset: Time, 5:08 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	20	23	21	18	17	16	13	11	12	11	10

State of weather.

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
11	0	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 6.7

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 64

Prevailing direction, SW

Total movement, 299

Average hourly velocity, 12.5

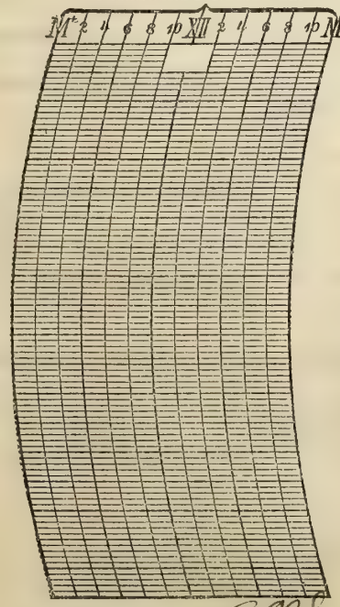
Maximum velocity,	Direction,	Time.
25	W	Began 1:50 pm
Extreme velocity, 27	W	1:52 pm

Relative humidity, 7 a. m., 85; 12 m., 76; 7 p. m., 69

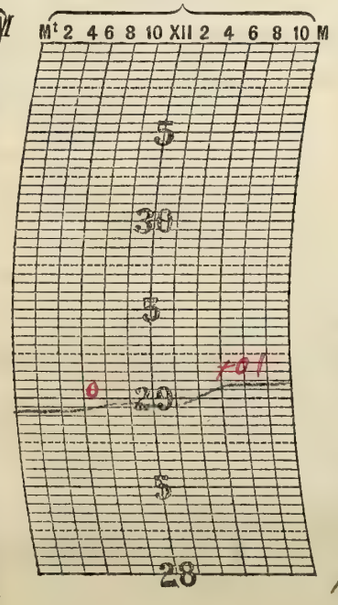
Reduced barometer, 29.91 a. m., 30.07 p. m.

River gage, 2.8 ft.

THERMOGRAPH.



BAROGRAPH.



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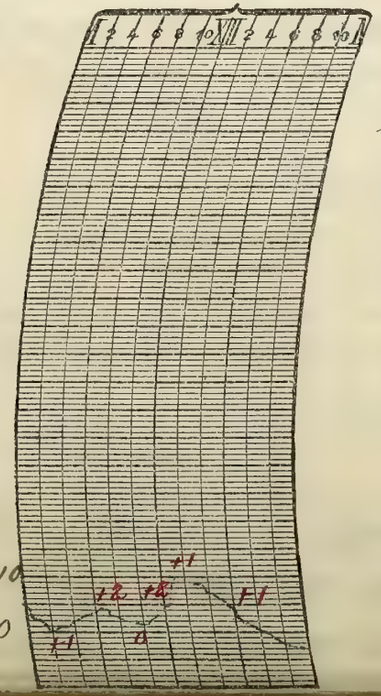


NOTES.

A cold raw day with moderate southwesterly winds

Prepared by C. C. S.
Verified by P. M. S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 10 1917, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	-1	-1	0	-1	-1	-1	-1	1	2	5	9	10	12	14	14	13	12	10	9	7	6	5	3
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunshine (in tenths of hours)							.30 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.15 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	11	12	12	10	10	10	10	11	13	14	16	17	18	19	20	18	17	13	9	11	13	10	11	12

Sunrise: Time, 6:42 Character, Clear

Sunset: Time, 5:09 Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	14	-2	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 10.4

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 317

Average hourly velocity, 13.2

Maximum velocity, 25 Direction, SW Time. Began 2:15 p.m.

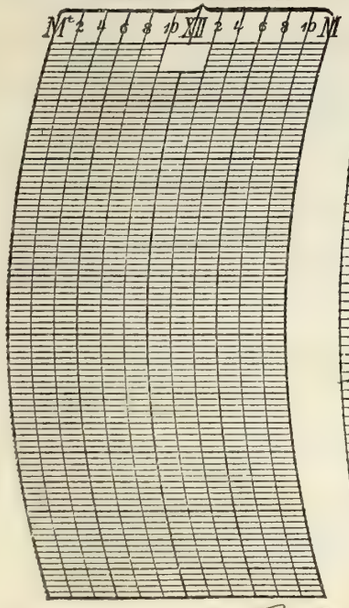
Extreme velocity, 26 — SW — 2:18 p.m.

Relative humidity, 7 a. m., 66 12 M., 55; 7 p. m., 61

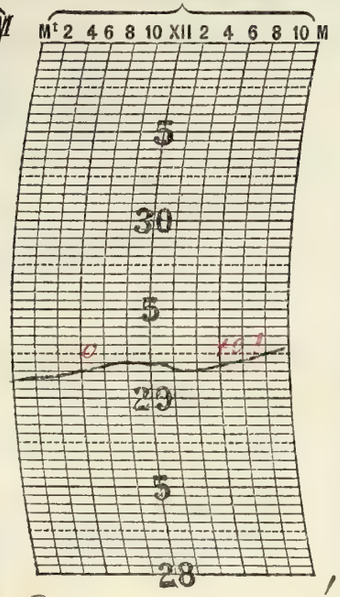
Reduced barometer, 30.16 a. m., 30.20 p. m.

River gage, 2.6 ft.

THERMOGRAPH.



BAROGRAPH.



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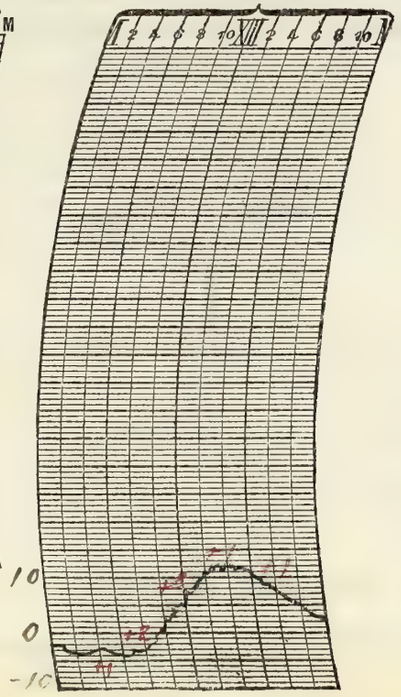


NOTES.

Prepared by C.C.S.

Verified by C.M.A.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 11 1917, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	2	1	0	-1	-1	-2	-2	-2	1	5	7	8	8	9	8	7	5	3	2	-1	-2	-3	-4	-4
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear							x	Cldy	x	—			Clear					
Sunrise: Time, 6:41 p; Character, Clear																					Sunset: Time, 5:11 p; Character, Cloudy			
Sunshine (in tenths of hours)							.32 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	XX	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW
Wind movement	11	10	9	10	9	9	10	12	14	17	18	15	17	17	19	16	14	10	11	10	9	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

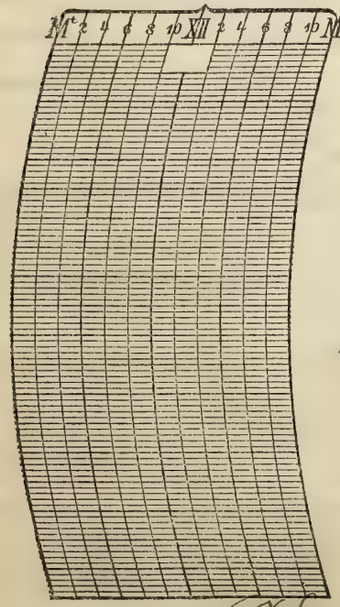
	Maximum.	Minimum.	Mean.	Normal.
	9	-4	2.-	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 27 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 9.2
Possible sunshine, hours, 10.5
Percentage of possible sunshine, 88
Prevailing direction, W.
Total movement, 289
Average hourly velocity, 12.0

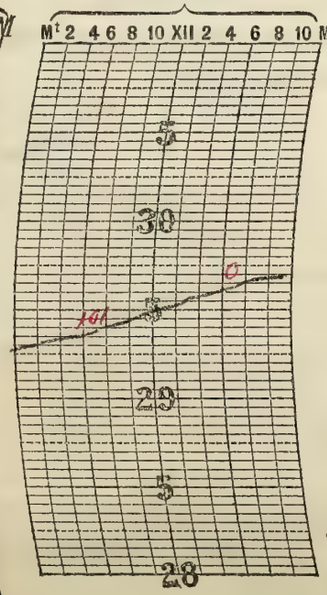
Maximum velocity,	Direction,	Time.
20	SW	Began 1:24 pm
Extreme velocity, 23	SW	1:26 pm

Relative humidity, 7 a. m., 79; 12 m., 77; 7 p. m., 65
Reduced barometer, 30.38 a. m., 30.64 p. m.
River gage, 2.6 ft.

THERMOGRAPH.



BAROGRAPH.



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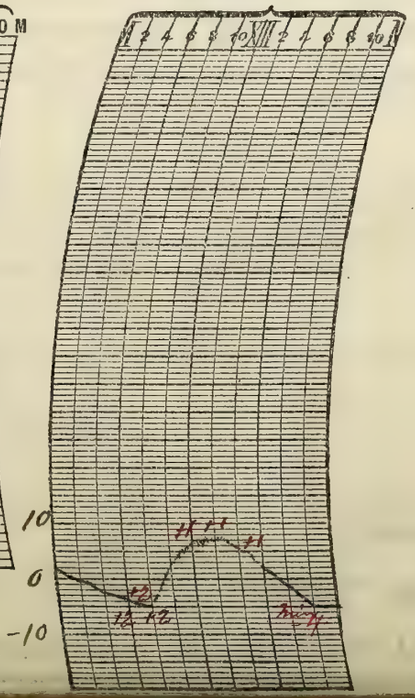


NOTES.

Prepared by Edes
Verified by Jno. O.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 12 1917, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-4	-5	-7	-8	-9	-8	-7	-5	-1	1	6	7	9	9	9	9	7	6	5	4	4	3	2
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											?
Sunrise: Time, Character	6:39 Clear																				Sunset: Time, Character	5:12 p. Cloudy		
Sunshine (in tenths of hours)							.35 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	W	N	N	N	NE	NE	E	SE	SE	SE	E	S	S	S	S	SE	S	SE	SE	SE	E	SE	SE	SE
Wind movement	5	5	7	5	4	4	2	5	7	5	3	7	8	7	9	7	8	6	7	6	4	5	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

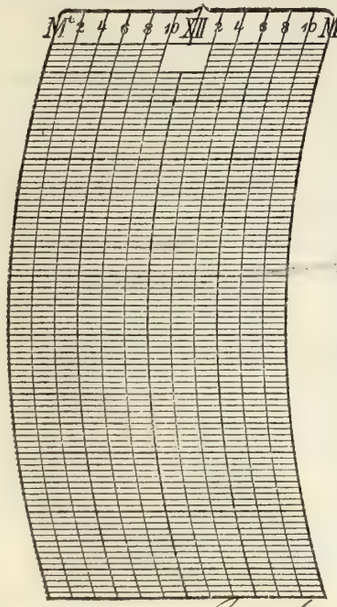
	Maximum.	Minimum.	Mean.	Normal.
	9	-9	0	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.8
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 92
Prevailing direction, SE
Total movement, 141
Average hourly velocity, 5.9

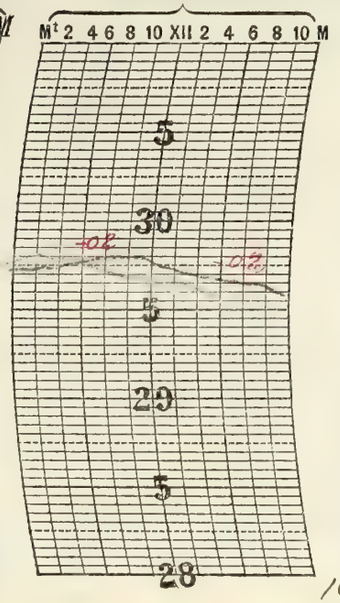
Maximum velocity,	Direction,	Time.
10	S	Began 2:36 p.m.
Extreme velocity, 10	S	2:36 p.m.

Relative humidity, 7 a. m., 62; 12 p. m., 75; 7 p. m., 70
Reduced barometer, 30.77 a. m. 30.65 p. m.
River gage, 2.8 ft.

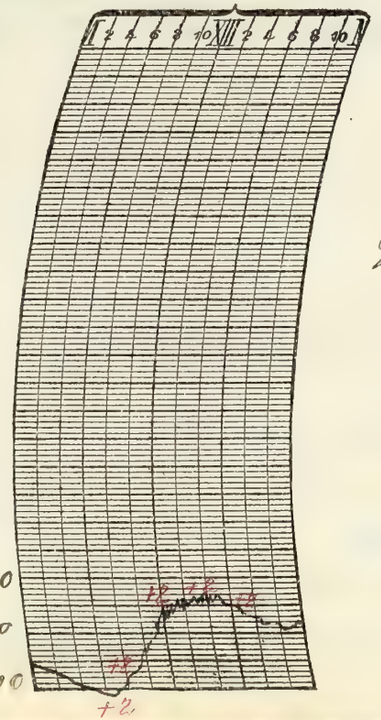
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by C. O. S.
Verified by P. M. G.

8—486

NOTES.

This was the coldest day of the season. The minimum temperature was 9 degrees below zero but the wind was low which made the cold more bearable.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 13 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	6	9	10	11	12	12	14	16	19	21	23
Nature of precipitation and time of beginning and ending							SdB 6:00	SdE 7:05				
Amounts of precipitation							T	T				
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	7	7	8	8	9	8	9	11	12	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	27	28	29	29	29	29	29	29	27	27	25
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.2	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	11	8	8	9	5	4	4	4	4	6	4	5

State of weather.

Sunrise: Time, 6:38; Character, Cloudy

Sunset: Time, 5:13; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	29	2	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 2

Prevailing direction, S. & SW

Total movement, 183

Average hourly velocity, 7.6

Maximum velocity, 16 Direction, S Time. Began 10:12 am

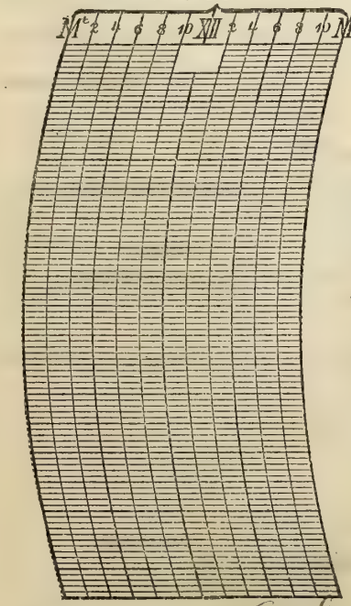
Extreme velocity, 16 — S — 10:12 am

Relative humidity, 7 a. m., 92; 12 M., 73; 7 p. m., 62

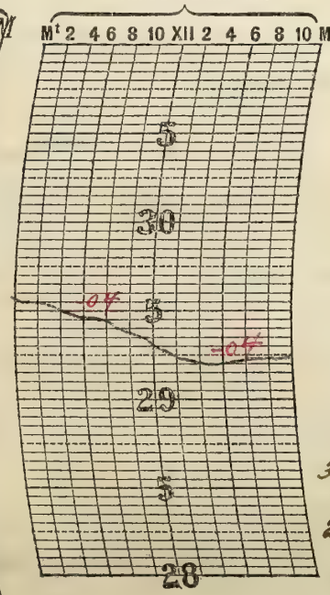
Reduced barometer, 30.39 a. m. 30.15 p. m.

River gage, 2.5 ft.

THERMOGRAPH.



BAROGRAPH.



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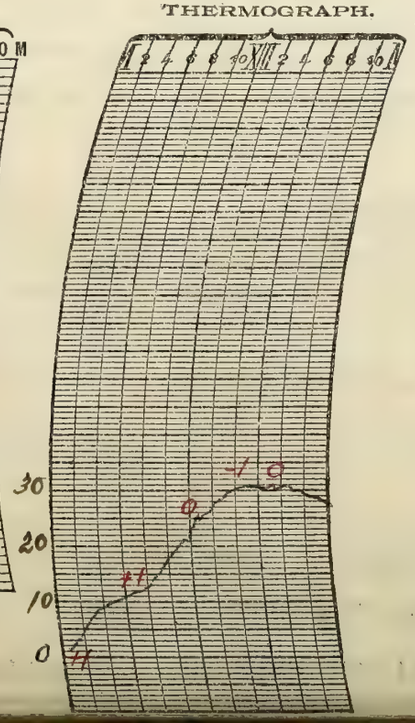


NOTES.

Prepared by COS

Verified by PMCA.

Form No. 1012—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 14 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	23	21	20	17	15	13	14	19	20	23	26	29	30	32	32	31	29	28	27	23	22	21	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?			Cloudy				← Cloudy				× Partly Cloudy ×			Clear									?
Sunrise: Time, 6:37; Character, Cloudy																					Sunset: Time, 5:14; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	W	NW	NW	NW	NW	NW	NW	N	N	N	NE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	N	NE	NE
Wind movement	5	7	7	5	6	2	5	4	4	4	3	5	6	9	10	11	11	7	7	6	4	4	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
32	11	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, Last Quarter 7:53 pm

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 7.2

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 68

Prevailing direction, SW

Total movement, 138

Average hourly velocity, 5.8

Maximum velocity, 14 Direction, SW Time. Began 1:47 pm

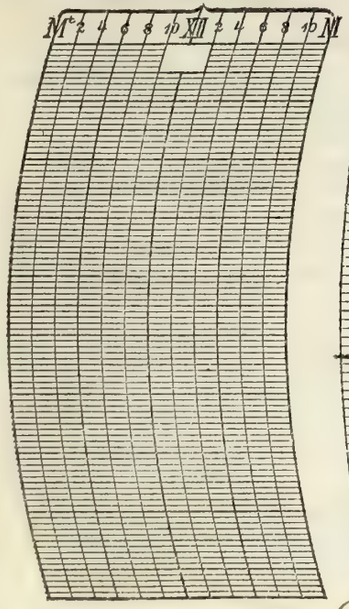
Extreme velocity, 14 — SW — 1:47 pm

Relative humidity, 7 a. m., 96; 12 M., 75; 7 p. m., 80

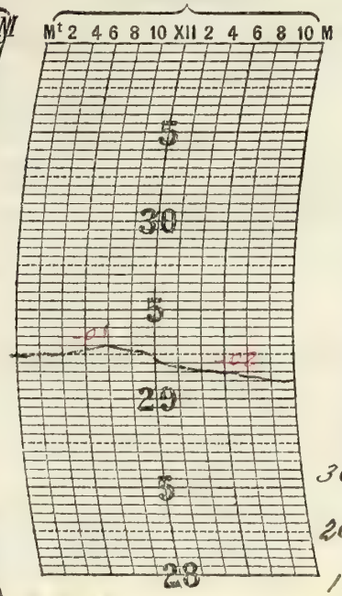
Reduced barometer, 30.25 a. m., 30.07 p. m.

River gage, 2.4 ft

THERMOGRAPH.



BAROGRAPH.



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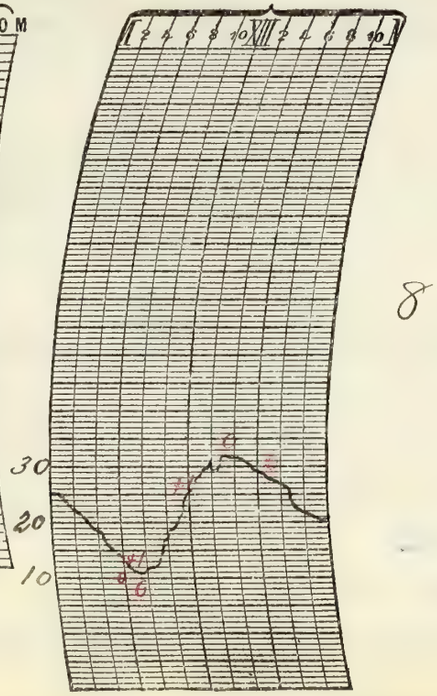


NOTES.

The day was, as a whole, partly cloudy with moderate temperature.
Dense fog from 6:35 a.m. to 8:30 a.m.

Prepared by C. A. Schulz
Verified by P. H. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 15 1917, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	20	20	21	20	20	20	20	20	21	21	21
State of weather: Nature of precipitation and time of beginning and ending											SA 10:18 SDE 10:30	
Amounts of precipitation											T	
Cloudiness and other conditions	?				Cloudy							
Sunrise: Time, Character,	6:35 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	E	E	E	N	NE	NE	NE	N	N	NW
Wind movement	2	4	3	3	4	5	6	6	7	7	7	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	23	23	24	25	26	26	25	24	23	26	27
State of weather: Nature of precipitation and time of beginning and ending										SD 9:13 9:10	SDE DNP	
Amounts of precipitation										T	T	
Cloudiness and other conditions					Cloudy							
Sunset: Time, Character,									5:15 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW
Wind movement	5	6	7	9	9	8	9	7	10	11	10	11

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	27	18	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 160

Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
14	SW	Began 9:54 pm

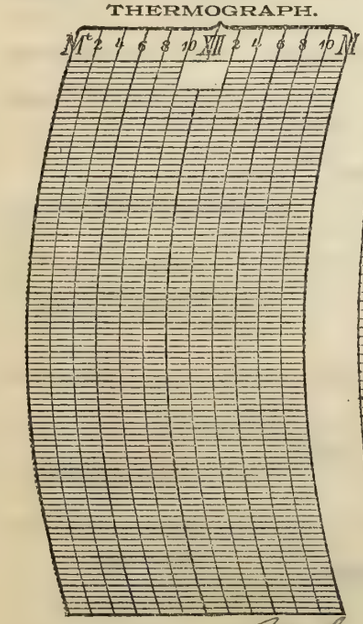
Extreme velocity, 14 — SW — 9:54 pm

Relative humidity, 7 a. m., 82; 12 N., 71; 7 p. m., 81

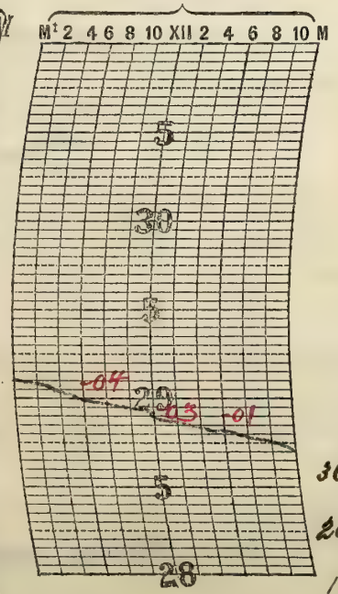
Reduced barometer, 29.91 a. m. 29.75 p. m.

River gage, 2.6 ft.

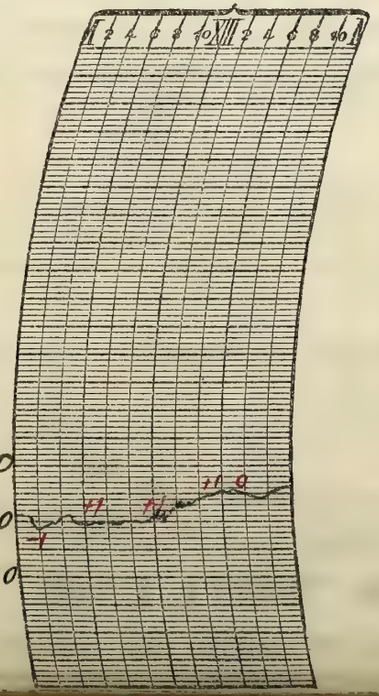
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CCS

Verified by PJMcD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 16 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	26	25	26	26	27	27	27	27	28	29	29	30	30	30	30	30	30	29	30	31	32	33
							S 8 6:05		S E 8:30	S 8 9:30			S E 12:15											
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							–	–	–	–	–	–												
Cloudiness and other conditions					Cloudy									Hazy		Clear			Pt Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0.3	0.5	0	0	0	0	0.2	0						
																	0.3	.29						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW	SW	SW	S	S	S	S	S
Wind movement	13	16	19	19	18	14	16	17	18	20	17	17	16	14	10	9	12	6	5	9	8	14	14	15
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:34; Character, Cloudy

Sunset: Time, 5:16; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	24	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 1.6

Possible sunshine, hours, 10.7

Percentage of possible sunshine, 15

Prevailing direction, SW.

Total movement, 336

Average hourly velocity, 14.0

Maximum velocity, 25 Direction, SW Time. Began 1:00 am

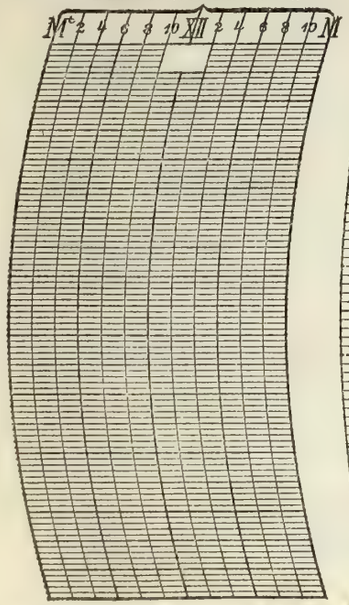
Extreme velocity, 26 — SW — 3:00 am

Relative humidity, 7 a. m., 94; 12 p. m., 67; 7 p. m., 74

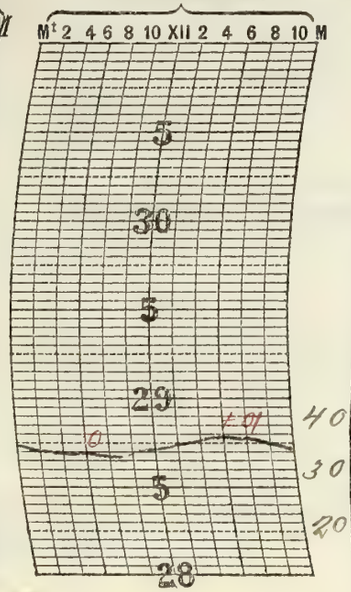
Reduced barometer, 29.62 a. m., 29.73 p. m.

River gage,

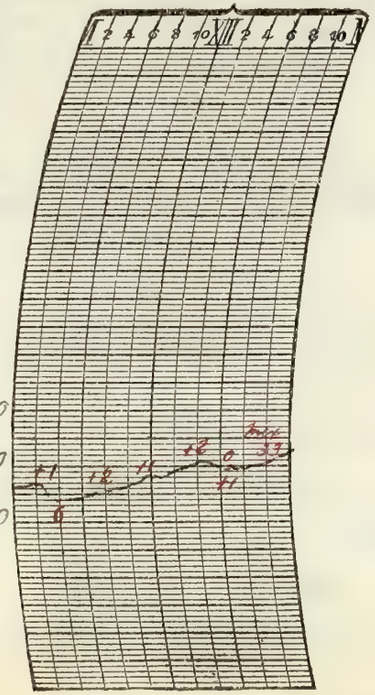
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 17 1917, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	35	35	36	37	38	40	42	43	46	49	50	49	49	48	40	36	34	30	27	26	25	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	Clear		—			×	Cldy	×	Cldy	×	Cldy	×	Cloudy		—	×	Clear			—		→
Sunrise: Time, 6:33 Character, Clear							.45	1.0	0.6															
Sunset: Time, 5:18 Character, Cloudy																								
Sunshine (in tenths of houre)							0	0	0.1	0.9	1.0	1.0	1.0	0.8	0.6	0.4	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	14	17	19	19	17	20	19	21	19	21	21	25	23	17	15	13	12	12	14	11	10	12	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	25	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.8

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 72

Prevailing direction, S.

Total movement, 394

Average hourly velocity, 16.4

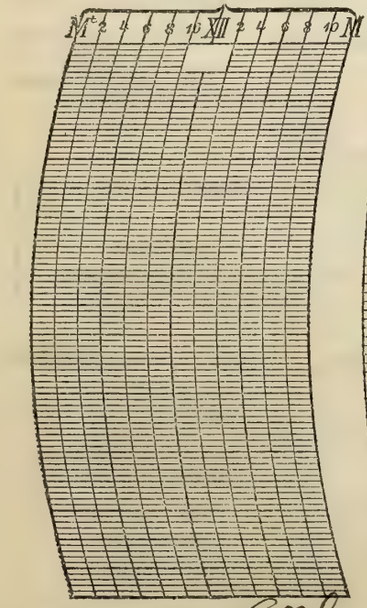
Maximum velocity,	Direction,	Time.
29	SW	Began 12:56 pm
Extreme velocity, 31	SW	12:56 pm

Relative humidity, 7 a. m., 72; 12 m., 80; 7 p. m., 66

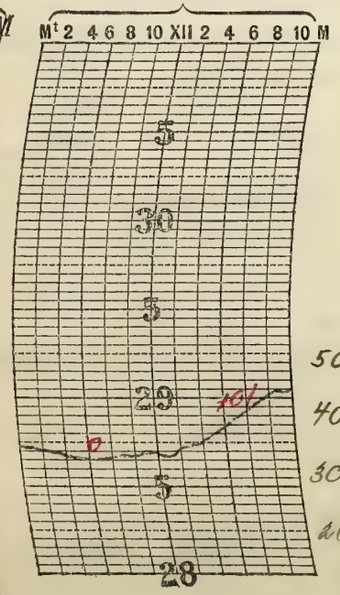
Reduced barometer, 29.58 a. m., 29.85 p. m.

River gage, 2.2 ft.

THERMOGRAPH.



BAROGRAPH.



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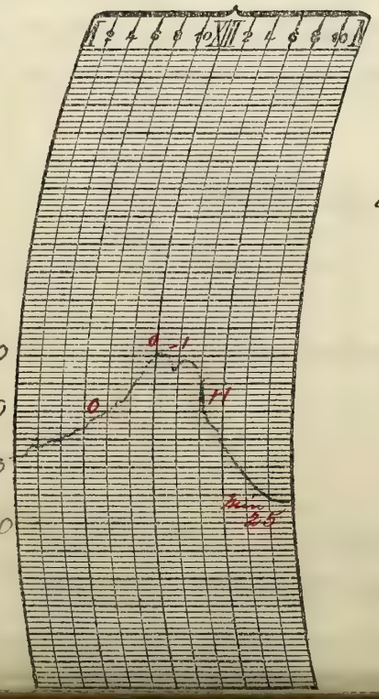


NOTES.

Cold wave warning was received embodied in the regular am. forecast at 9:44 am. It was published on all maps and cards issued

Prepared by C.O.S.
Verified by F.M.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 18 1917, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	23	23	23	22	21	22	23	24	25	26	26	26	26	26	26	26 (5:40 P)	25 (2:10 E)	25	24	24	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			T	T				
Cloudiness and other conditions	Clear							Cloudy					Cloudy											
Sunshine (in tenths of hours)							0	1.0	1.0	1.0	1.0	1.0	0.9	0.4	0	0	0	0						
Wind direction	N	NW	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	9	9	8	9	8	8	15	18	16	15	13	13	12	13	14	13	12	9	11	10	11	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:31 Character, Cloudy

Sunset: Time, 5:19 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	26	21	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 6.3

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 58

Prevailing direction, NE.

Total movement, 293

Average hourly velocity, 11.4

Maximum velocity, 23 Direction, N Time. Began 8:18 am

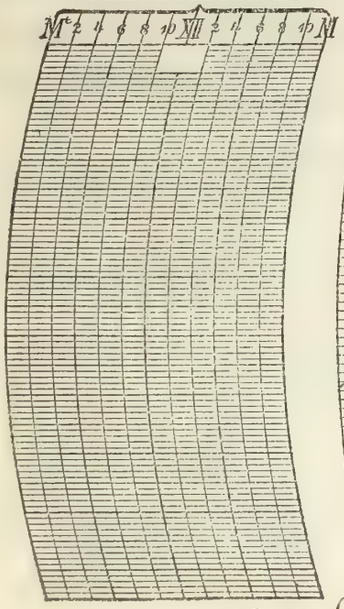
Extreme velocity, 23 — N — 8:18 am

Relative humidity, 7 a. m., 72; 12 m., 69; 7 p. m., 82

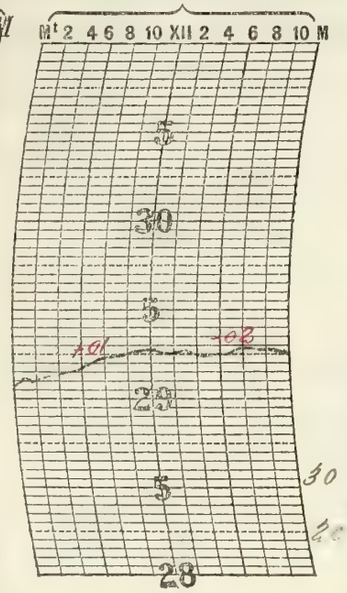
Reduced barometer, 30.17 a. m., 30.21 p. m.

River gage, 3.2 ft.

THERMOGRAPH.



BAROGRAPH.



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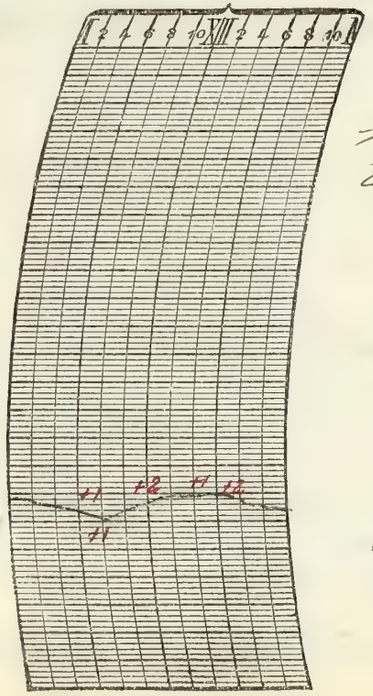


NOTES.

The day as a whole was partly cloudy with moderate temperature.

Prepared by C O S

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 19 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	23	22	22	22	22	24	25	29	31	32	36	38	39	45	43	42	40	38	35	34	33
										RB 9:20		RE 11:15			RB 2:10	RE 2:35								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation										T	T	T			T	T								
Cloudiness and other conditions	Cloudy												Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	13	15	14	13	15	16	16	14	11	8	10	8	10	11	17	28	24	21	18	18	16	17
Maximum velocities (exceeding 29 miles) direction and time																		34 SW 5:00						

Sunrise: Time, 6:30; Character, Cloudy

Sunset: Time, 5:20; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	22	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 0

Prevailing direction, NE.

Total movement, 358

Average hourly velocity, 14.9

Maximum velocity, 34 Direction, SW Time. Began 5:00 pm

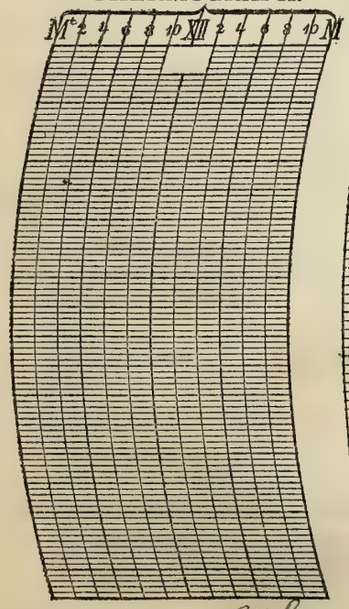
Extreme velocity, 35 — SW — 5:02 pm

Relative humidity, 7 a. m. 85; 12 m. 79; 7 p. m. 70

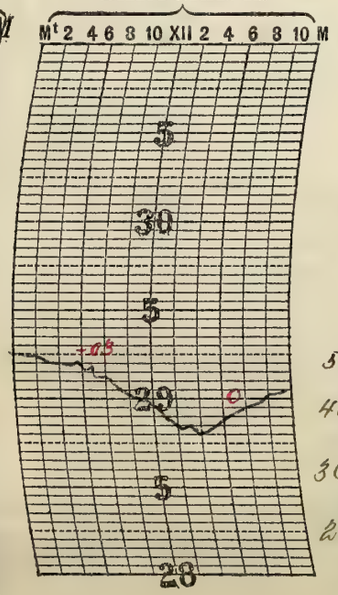
Reduced barometer, 30.08 a. m. 29.86 p. m.

River gage, 3.3 ft.

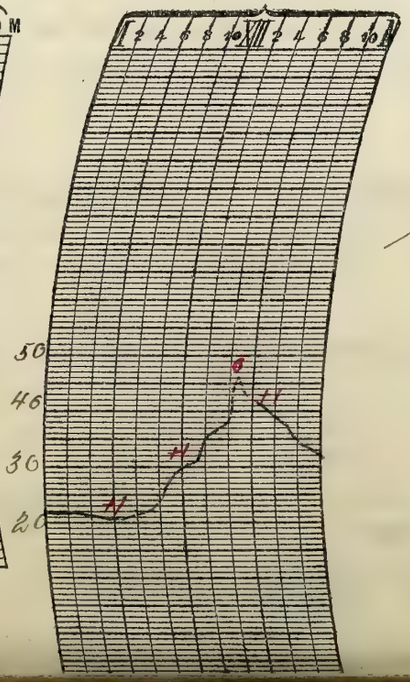
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

St fog began at 5:30 pm and continued until 5:00 pm. A dull gloomy day with occasional rain and moderate temperature.

Prepared by CCS

Verified by P.M.S.D.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 20 1917, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	29	27	25	25	24	23	22	22	24	25	27	27	29	28	28	26	26	25	24	24	24	23
											9:18 B 10:30 E 10:35													
Nature of precipitation and time of beginning and ending																								
Amounts of precipitation											T													
Cloudiness and other conditions	Cloudy												x Cloudy					x	Cloudy					?
Sunrise: Time, 6:29; Character, Cloudy																					Sunset: Time, 5:21; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.4	1.0	1.0	1.0	0.7	0	0						
Wind direction	SW	W	W	W	W	W	W	W	NW	W	W	W	W	W	W	W	W	NW	NW	NW	N	N	N	N
Wind movement	18	15	15	15	14	12	11	8	9	9	9	8	10	9	7	8	6	6	8	5	5	6	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
33	22	28	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.1

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 38

Prevailing direction, W.

Total movement, 227

Average hourly velocity, 9.5

Maximum velocity, 21 Direction, SW Time. Began 12:20 am

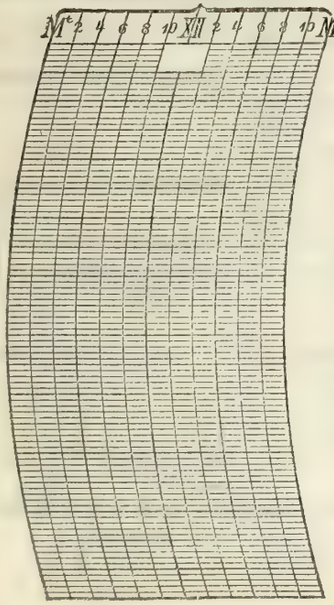
Extreme velocity, 22 — SW — 12:20 am

Relative humidity, 7 a. m., 81; 12 m., 43; 7 p. m., 75

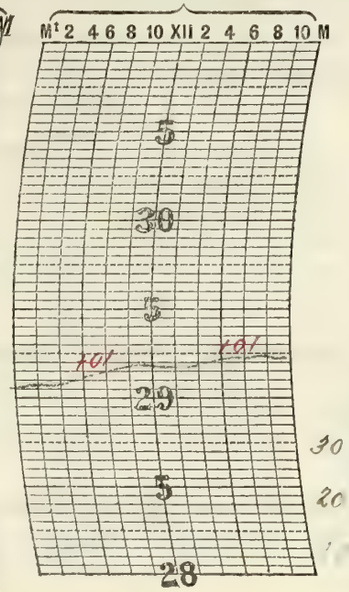
Reduced barometer, 30.09 a. m. 30.19 p. m.

River gage, 3.1 ft.

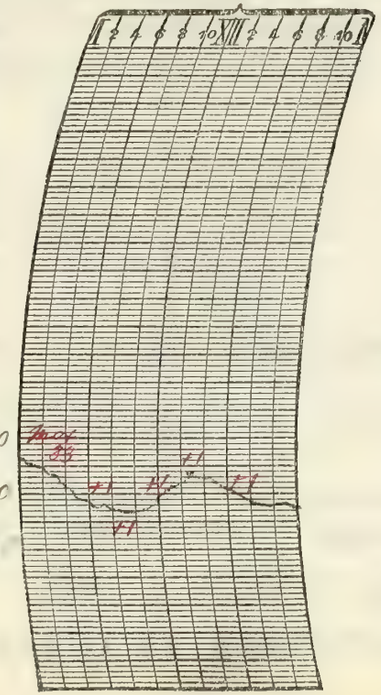
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CCS

Verified by P.M.E.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 8 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	21	21	21	21	20	20	24	30	33	36	37	41	42	43	44	45	42	44	37	34	32	28	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	—	Clear	—	—	—	—	—	—	—	—	—	x	—	Pt Cloudy	x	—	Clear	—	—	—	?
Sunrise: Time, 6:27 Character, Cloudy																					Sunset: Time, 5:22 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	SE	SE	SE	SE	SE	S	SW	W	W	W	W	W
Wind movement	7	5	7	8	8	10	9	10	11	10	9	8	9	13	9	9	8	8	21	25	21	20	23	19
Maximum velocities (exceeding 29 miles) direction and time																			33 SE 6:46	35 SE 7:04				

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	20	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, NEW - 12:09 pm

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 6.9

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 63

Prevailing direction, NE

Total movement, 287

Average hourly velocity, 12.0

Maximum velocity, 35 Direction, W Began 7:04 pm

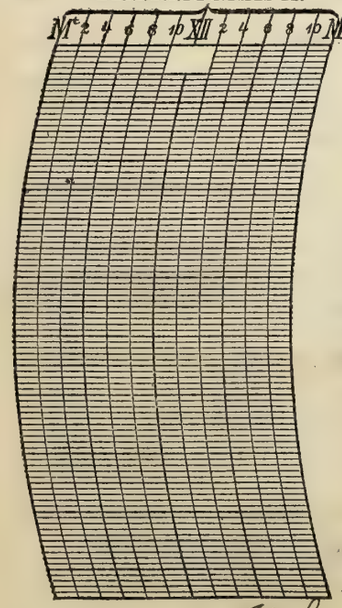
Extreme velocity, 35 — W — 7:04 pm

Relative humidity, 7 a. m., 85; 12 m., 74; 7 p. m., 57

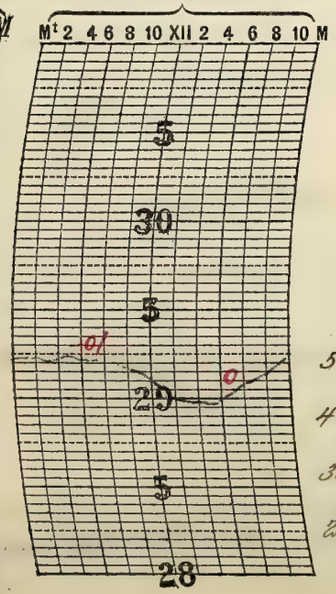
Reduced barometer, 30.18 a. m., 28.97 p. m.

River gage, 3.2 ft.

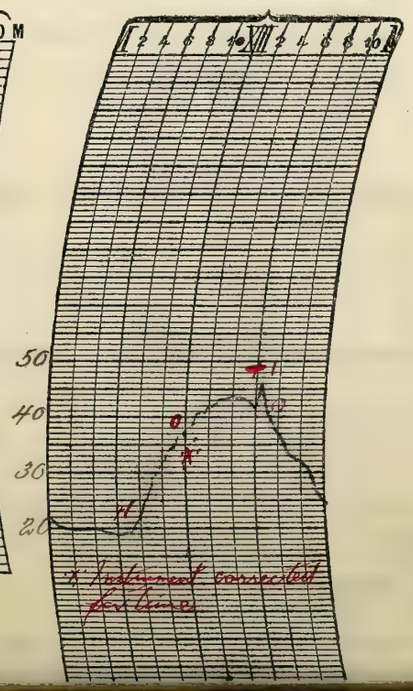
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CCS

Verified by P.M.A.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 22 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	22	21	20	19	18	18	19	21	26	29	30	34	37	39	39	39	38	37	38	39	42	43	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	—	Pt Cloudy	—	—	—	—	—	—	—	Pt Cloudy	—	—	—	x	—	Clear	—	—	—	—	?
Sunshine (in tenths of hours)							0	0	0.7	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	W	W	W	W	W	NW	NW	W	N	NE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	16	14	11	7	8	6	5	4	7	6	8	8	9	7	9	10	10	7	9	13	15	13	17	18
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:26; Character, Cloudy

Sunset: Time, 5:24; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
44	18	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.00 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 8.2

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 75

Prevailing direction, SE.

Total movement, 237

Average hourly velocity, 9.9

Maximum velocity, 19 Direction, NW. Time. Began 1:11 am

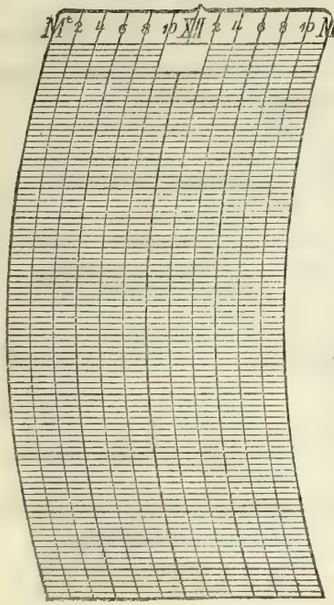
Extreme velocity, 19 — NW — 1:11 am

Relative humidity, 7 a. m., 78; 12 m., 47; 7 p. m., 66

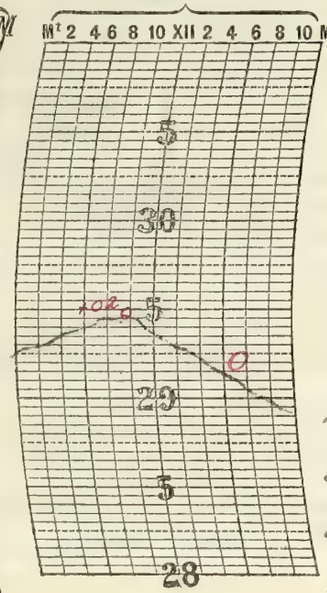
Reduced barometer, 30.38 a. m. 30.08 p. m.

River gage, 3.6 ft.

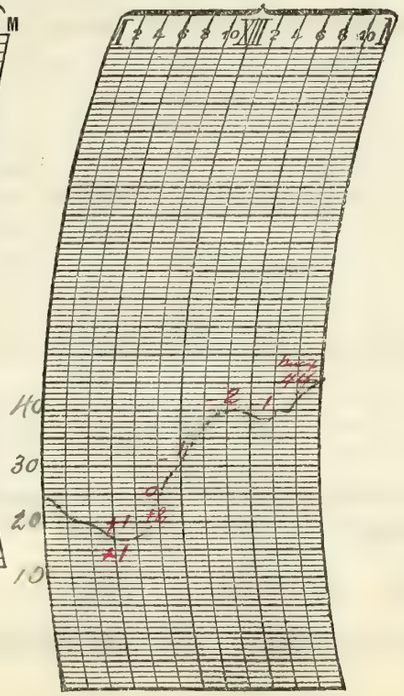
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A mild spring-like day and very pleasant to be out.

Prepared by CCS.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 23 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	47	45	42	43	43	42	44	46	47	48	48
			NB 2:50	RE 4:00								
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			—	—								
Cloudiness and other conditions	?	—	—	Cloudy	—	—	—	—	×	Pt Cloudy	—	—
Sunrise: Time, 6:24; Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	1.0
Wind direction	S	S	S	SW	S	S	S	SW	SW	SW	SW	W
Wind movement	17	15	11	9	12	15	12	12	11	10	12	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	47	45	40	37	34	33	31	31	30	30	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy	—	—	—	×	—	Clear	—	—	—	—	→
Sunset: Time, 5:25; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0	0						
Wind direction	W	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	15	12	15	14	12	12	9	8	8	10	10
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48	29	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .32 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .32 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 6.1

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 55

Prevailing direction, NW.

Total movement, 285

Average hourly velocity, 11.9

Maximum velocity,	Direction,	Time.
18	NW	Began 1:33 pm

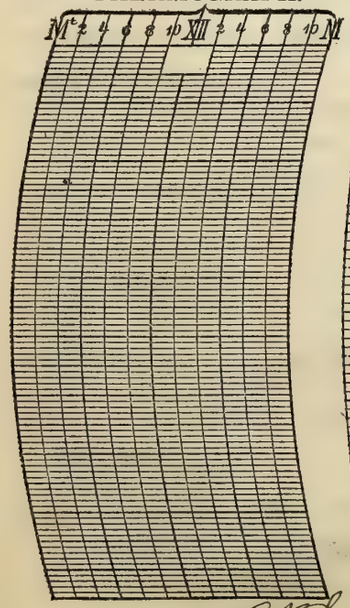
Extreme velocity, 18 — NW — 1:33 pm

Relative humidity, 7 a. m., 92; 12 m., 93; 7 p. m., 92

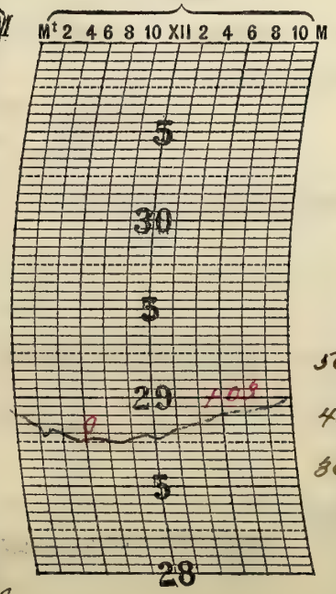
Reduced barometer, 29.71 a. m., 29.90 p. m.

River gage, 3.8 ft.

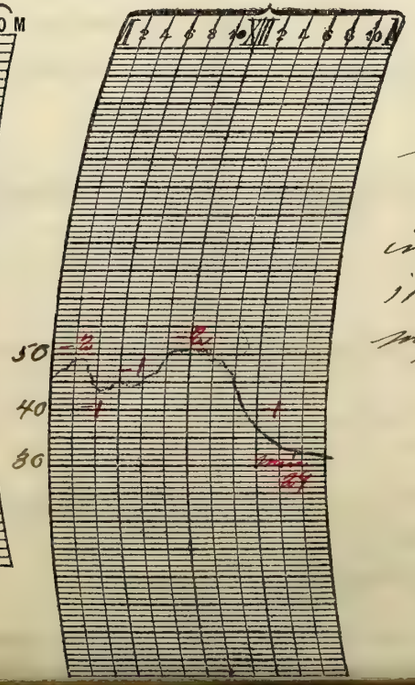
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:— First thunder heard 3:00 am; last at 4:00 am. Cold wave warning received embodied in regular am. forecast at 10:04 am., it was published on all cards and maps issued.

Prepared by
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 24 1917, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	27	27	26	26	25	24	22	23	24	25	27	29	28	27	27	26	25	24	23	22	22	22	21
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear								Partly Cloudy										Clear					?
Sunrise: Time, 6:23; Character, Cloudy																					Sunset: Time, 5:26; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.1	0.8	1.0	1.0	1.0	1.0	0.8	0.9	0.3	0						
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N	NW
Wind movement	10	11	12	8	7	8	10	11	11	11	11	10	13	11	12	11	11	8	6	5	4	4	3	3
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	21	25	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 6.9

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 63

Prevailing direction, NW.

Total movement, 211

Average hourly velocity, 8.8

Maximum velocity, 17 Direction, W Time. Began 7:51 am

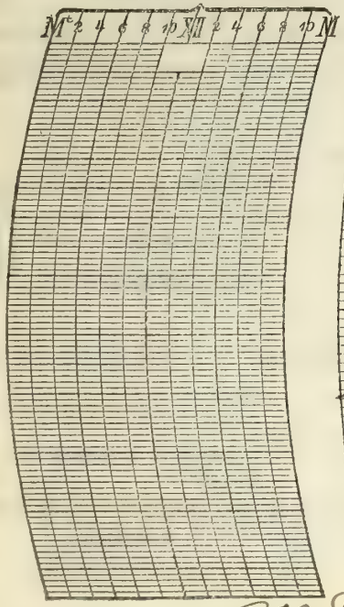
Extreme velocity, 17 — W — 7:54 am

Relative humidity, 7 a. m., 83; 12 m., 65; 7 p. m., 81.

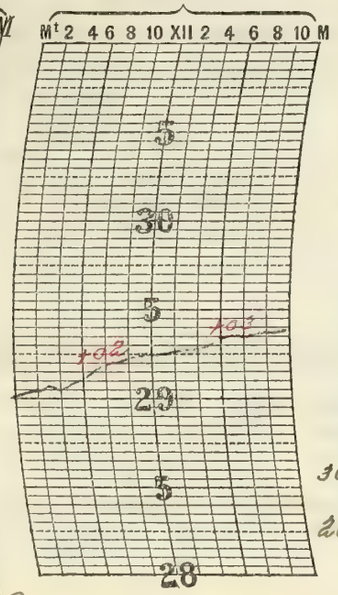
Reduced barometer, 30.10 a. m., 30.35 p. m.

River gage, 3.6 ft.

THERMOGRAPH.



BAROGRAPH.



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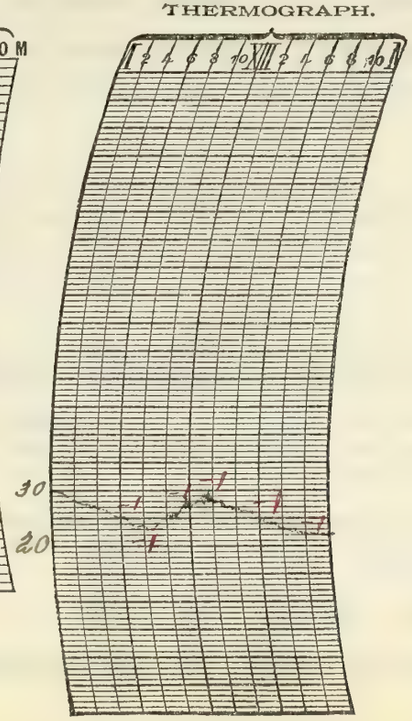


NOTES.

Prepared by CCS

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 25 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	21	22	22	22	22	23	27	31	34	36	38	40	42	43	45	45	44	45	47	49	52	53	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?			Cloudy					×	Pt Cloudy			×		Cloudy			×		Pt Cloudy				?
Sunrise: Time, 6:21 Character, Cloudy																					Sunset: Time, 5:27 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	0.3	0.7	0.5	0	0	0						
Wind direction	NW	N	NE	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	4	4	6	6	6	5	5	8	7	12	11	10	11	8	10	10	12	11	9	11	12	15	15	16
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	21	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 5.5

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 50

Prevailing direction, SE

Total movement, 222

Average hourly velocity, 9.2

Maximum velocity, 18 Direction, S Time. Began 11:51 pm

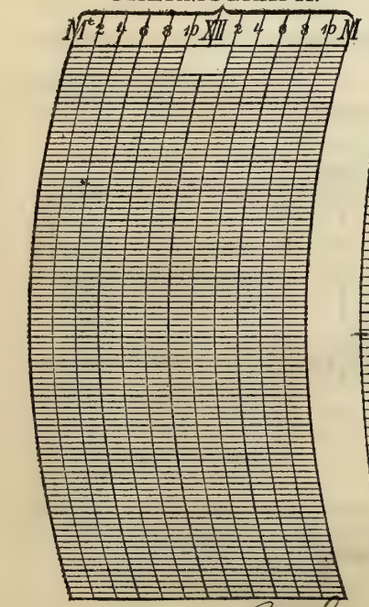
Extreme velocity, 18 — S — 11:51 pm

Relative humidity, 7 a. m., 86; 12 M., 67; 7 p. m., 68

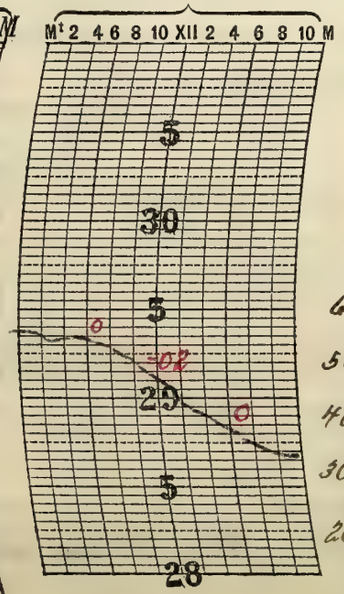
Reduced barometer, 30.29 a. m. 28.76 p. m.

River gage, 3.4 ft.

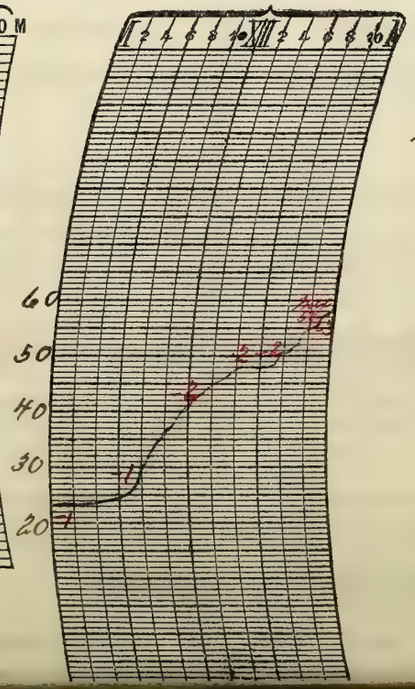
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Although cloudy the day was pleasant.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 26 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	53	53	52	52	51	51	53	55	57	58	56	58	53	51	45	41	39	37	28	27	26	26	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?				Cloudy								Pt Cloudy							Clear				?
Sunrise: Time, 6:20 Character, Cloudy																					Sunset: Time, 5:28 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.1	0	0	0	0	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	NW	W	NW	W	W	W	W	W	W	NW
Wind movement	16	16	17	15	14	11	11	12	13	14	12	9	11	18	15	12	11	8	9	13	16	17	16	18
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
58	26	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 4.5

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 41

Prevailing direction, S.

Total movement, 322

Average hourly velocity, 13.4

Maximum velocity, 21 Direction, W Time. Began 9:03 pm

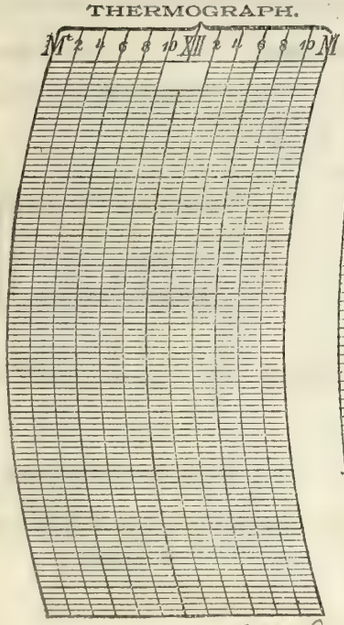
Extreme velocity, 25 W 9:06 pm

Relative humidity, 7 a. m., 82; 12 m., 77; 7 p. m., 83

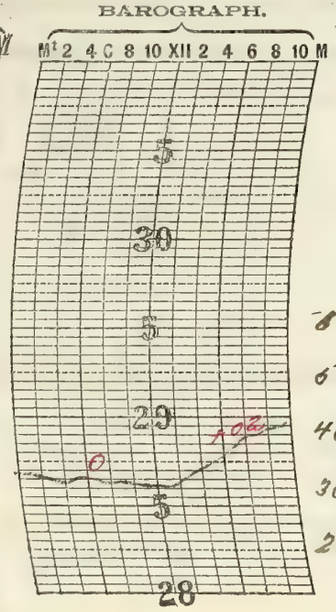
Reduced barometer, 28.57 a. m., 28.26 p. m.

River gage, 5.4 ft.

THERMOGRAPH.



BAROGRAPH.



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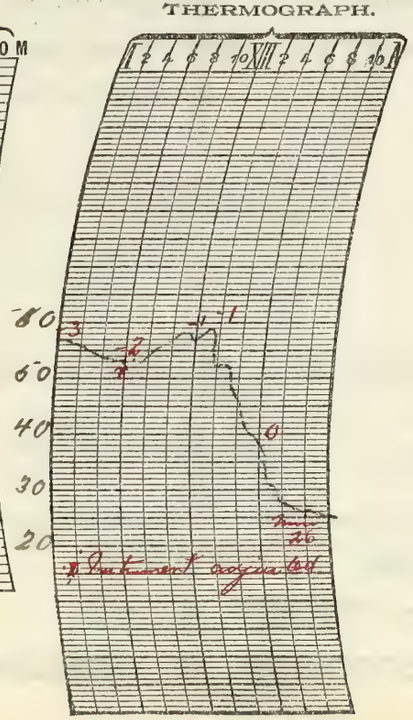


NOTES.

A very mild and pleasant spring like day.

Prepared by COS

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 27 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	25	25	25	26	26	26	27	27	28	29	29	30	30	30	30	30	29	28	27	26	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?			Pt Cloudy					x		Cloudy						Cloudy							
Sunrise: Time, 6:19; Character, Cloudy																					Sunset: Time, 5:29; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	1.0	0.2	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	14	16	15	17	14	11	7	5	7	9	8	7	10	8	5	6	5	5	6	7	7	5	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

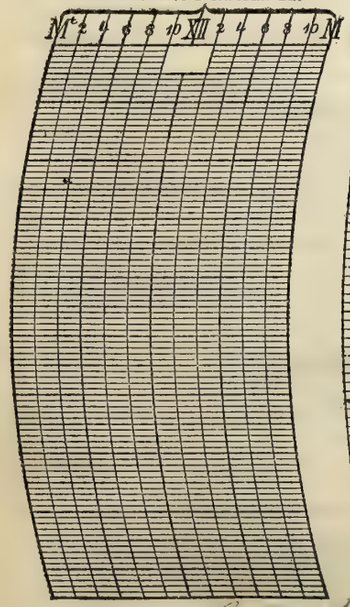
Maximum.	Minimum.	Mean.	Normal.
30	24	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 1.5
Possible sunshine, hours, 11.2
Percentage of possible sunshine, 13
Prevailing direction, NW
Total movement, 207
Average hourly velocity, 8.6

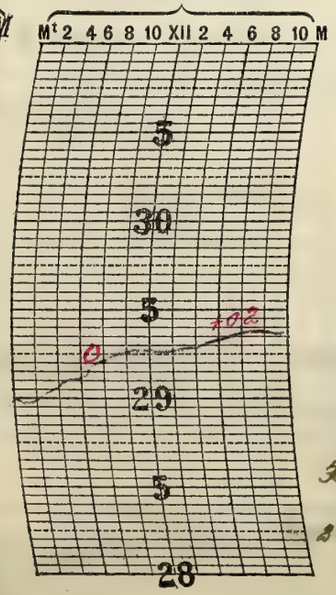
Maximum velocity,	Direction,	Time.
20	NW	Began 2:32 am

Extreme velocity, 20 NW 2:32 am
Relative humidity, 7 a. m., 75; 12 m., 28; 7 p. m., 60
Reduced barometer, 30.14 a. m., 30.34 p. m.
River gage, 5.6 ft.

THERMOGRAPH.



BAROGRAPH.



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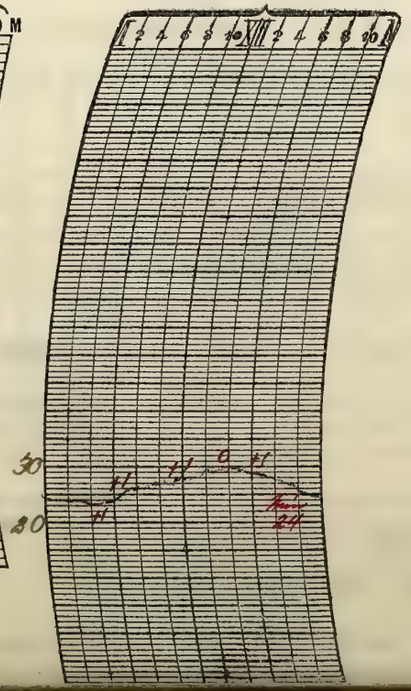


NOTES.

Prominent lunar halo observed at 6:25 pm.

Prepared by G. O. J.
Verified by J. M. D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 28 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	21	20	20	23	25	27	29	31	33	36	35	34	32	30	30	29	28	26	25	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	Cloudy					—	Clear				—			Clear					—			?
Sunshine (in tenths of hours)							0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	7	9	10	9	9	9	10	9	7	5	5	7	7	11	11	12	6	6	6	6	5	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:17; Character, Cloudy

Sunset: Time, 5:31; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
36	20	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase, First Quarter 10:44 am

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.4

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 84

Prevailing direction, NW.

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity, 14 Direction, NW Time. Began 4:16 pm

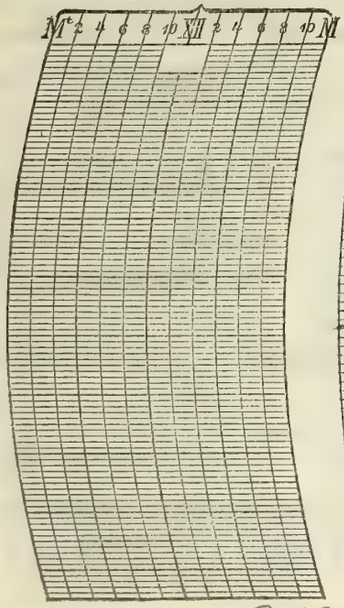
Extreme velocity, 15 — N — 4:16 pm

Relative humidity, 7 a. m., 62; 12 m., 58; 7 p. m., 74

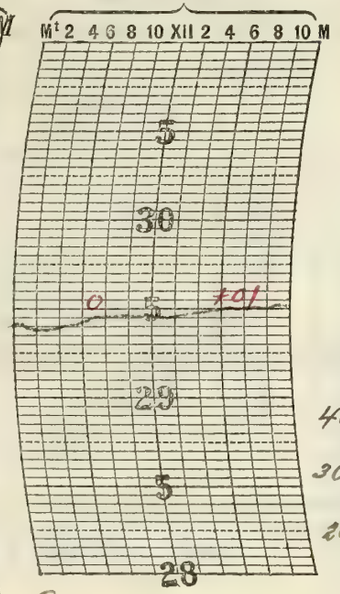
Reduced barometer, 30.39 a. m., 30.47 p. m.

River gage, 5.2 ft.

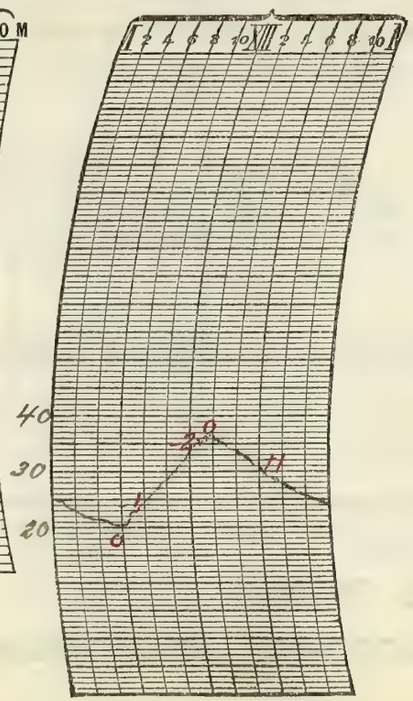
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CCS

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR - 1 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	23	23	22	23	24	26	29	28	28	27	28	29	30	28	28	27	27	27	26	25	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?				Pt Cloudy								Pt Cloudy						Cloudy					
Sunrise: Time, 6:15 Character, Cloudy																					Sunset: Time, 5:32 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	5	5	6	4	5	5	5	10	9	12	10	10	11	10	9	7	8	6	7	7	8	6	5
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
31	22	25	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.9

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 79

Prevailing direction, NW.

Total movement, 174

Average hourly velocity, 7.2

Maximum velocity,	Direction,	Time.
13	NW	Began 10:17am

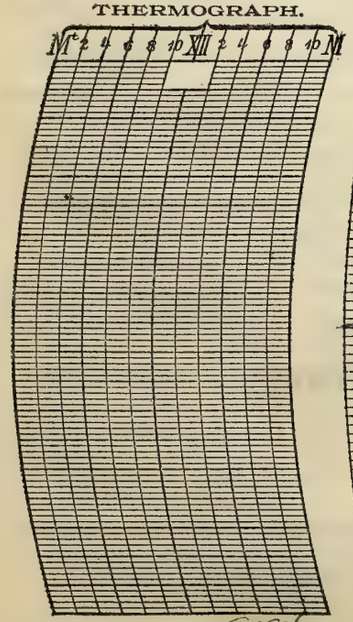
Extreme velocity, 13—NW—10:17am

Relative humidity, 7 a. m., 74; 12 M., 65; 7 p. m., 81

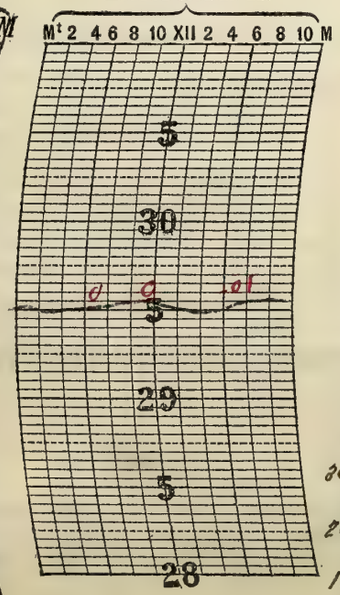
Reduced barometer, 30.50 a. m., 30.50 p. m.

River gage, 5.5 ft.

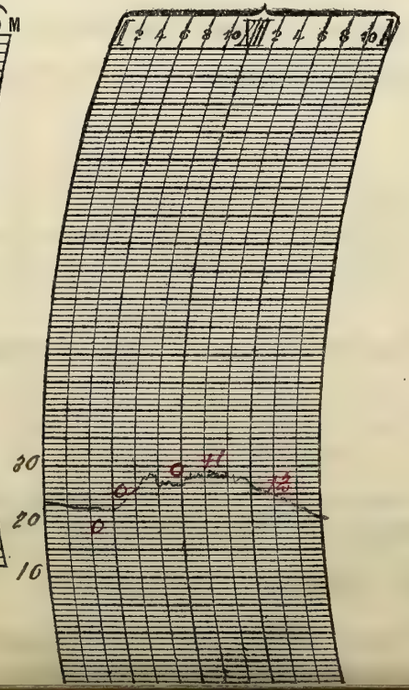
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Lunar halo observed at 9:30 pm.

Prepared by EAS

Verified by F.M.C.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR - 2 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	21	21	20	20	19	20	21	23	24	25	27	28	29	30	30	30	30	29	29	28	28	27	26
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, 6:14; Character, Cloudy																					Sunset: Time, 5:33; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.7	1.0	1.0	0.5	0	0	0						
Wind direction	NW	NW	NW	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N
Wind movement	6	4	3	6	6	6	6	10	10	9	9	7	9	8	8	7	8	8	7	7	7	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
30	19	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 3.2

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 28

Prevailing direction, NE

Total movement, 173

Average hourly velocity, 7.2

Maximum velocity, 12 Direction, NE Time. Began 8:27 am

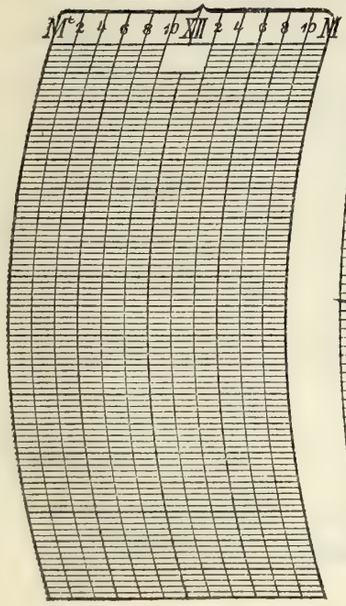
Extreme velocity, 12 — NE — 8:27 am

Relative humidity, 7 a. m., 76; 12 M., 76; 7 p. m., 56

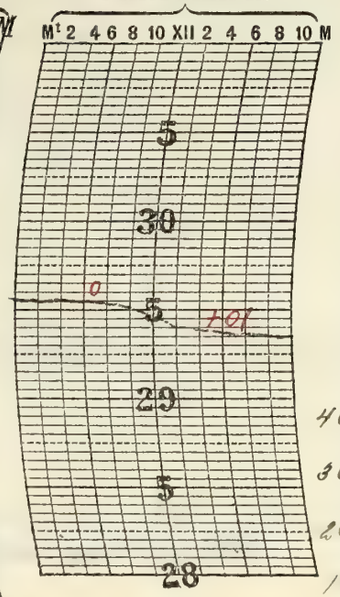
Reduced barometer, 30.52 a. m., 30.36 p. m.

River gage, 5.6 ft.

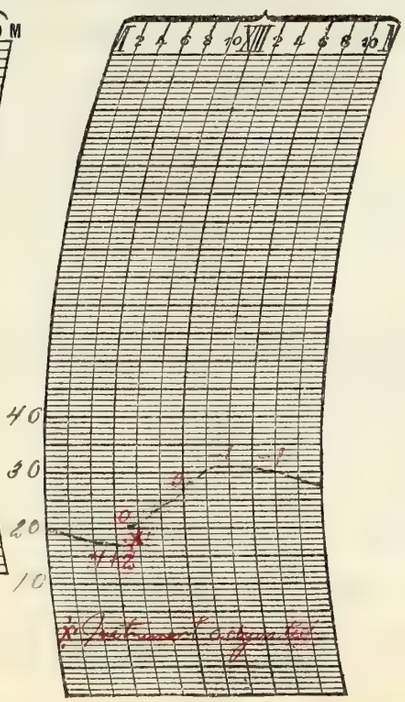
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CCS

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR - 3 1917, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	24	23	23	23	23	24	26	28	31	34	36	37	38	38	36	33	31	29	28	26	25	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy										x ol Cldy		x			Cloudy								
Sunshine (in tenths of hours)							0	0	0	0.6	0.4	1.0	1.0	1.0	1.0	0.6	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	NW	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	7	6	8	7	5	7	7	6	9	8	8	8	9	8	9	12	13	12	13	14	13	14	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:12 Character, Cloudy

Sunset: Time, 5:34 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	22	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 5.6

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 49

Prevailing direction, N + NW

Total movement, 222

Average hourly velocity, 9.2

Maximum velocity, 18 Direction, NW Time. Began 8:47 pm

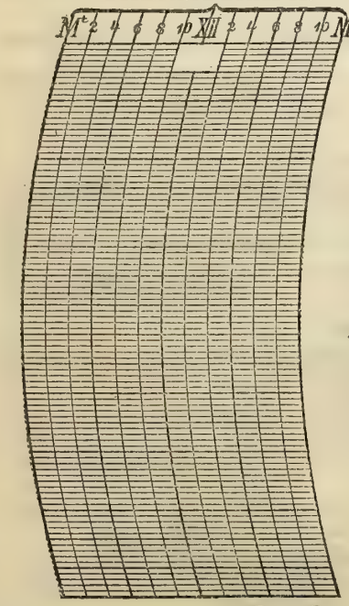
Extreme velocity, 19 — NW — 8:50 pm

Relative humidity, 7 a. m., 80; 12 m., 62; 7 p. m., 81

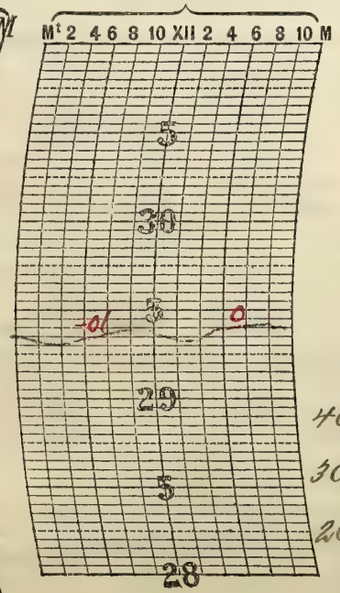
Reduced barometer, 30.32 a. m., 30.37 p. m.

River gage, 4.5 ft.

THERMOGRAPH.



BAROGRAPH.



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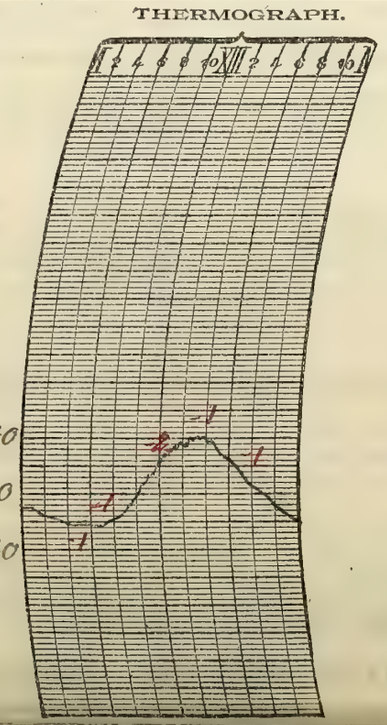


NOTES.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR - 4 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	21	21	20	21	21	22	20	19	19	20	22
State of weather: Nature of precipitation and time of beginning and ending							S of B 6:25		S of E 5:40			
Amounts of precipitation							T	T	T			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 6:10; Character, Cloudy												
Sunshine (in tenths of hours)		✓					0	0	0	0	0.4	0
Wind direction	NW	NW	NW	NW	N	NW	N	N	N	N	N	N
Wind movement	9	7	6	7	7	8	13	16	17	18	18	16
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	22	23	23	24	22	19	18	17	16	15	14
State of weather: Nature of precipitation and time of beginning and ending		S of B 1:00 S of E 1:45				S of B 5:15						
Amounts of precipitation		T				—	—	—	—	—	—	—
Cloudiness and other conditions				Cloudy								
Sunset: Time, 5:35; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0				✓		
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW
Wind movement	20	18	20	20	19	19	15	15	13	13	11	11
Maximum velocities (exceeding 25 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
25	14	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0.4

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 4

Prevailing direction, N.

Total movement, 336

Average hourly velocity, 14.0

Maximum velocity, 24 Direction, N Time. Began 1:58 pm

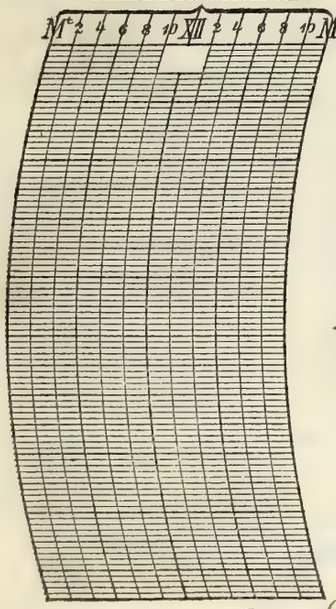
Extreme velocity, 24 N 1:58 pm

Relative humidity, 7 a. m., 65; 12 M., 59; 7 p. m., 77

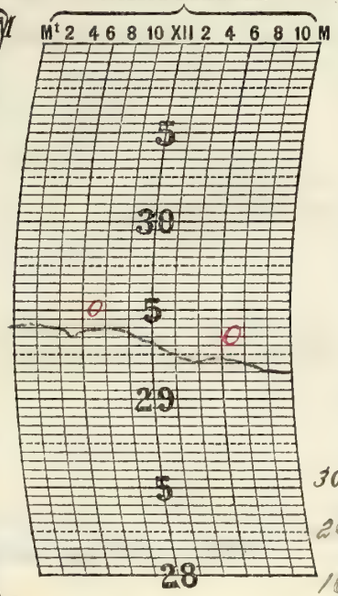
Reduced barometer, 30.36 a. m., 30.18 p. m.

River gage, 5.8 ft.

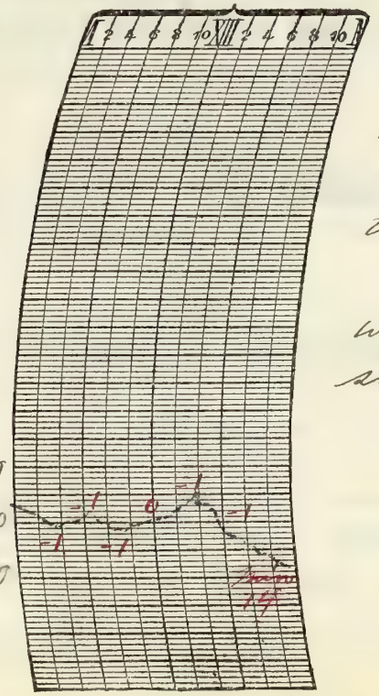
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

Cold wave warning received embodied in regular am., forecast at 10:14 am. It was dispensed by telephone to all parties interested.

A cloudy and gloomy cold day with moderate winds and occasional snow flurries.

Prepared by EAS

Verified by

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR - 5 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	13	12	12	12	12	13	15	17	18	19	20	22	22	22	22	23	22	19	17	16	15	16
								SAE 7:20																
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	—	—	—	—	—	—	—	—																
Cloudiness and other conditions				Cloudy										Cloudy							Clear			
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	S	S	S	S	S
Wind movement	12	13	12	13	11	12	11	11	14	14	17	19	16	17	15	15	9	5	3	6	8	9	9	11
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:09; Character, Cloudy

Sunset: Time, 5:36; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
23	12	18	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 7.2

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 63

Prevailing direction, W.

Total movement, 282

Average hourly velocity, 11.8

Maximum velocity, 24; Direction, W; Began 11:01 am

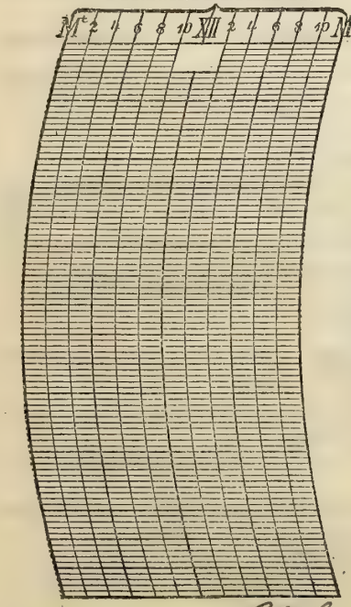
Extreme velocity, 25; W; 11:01 am

Relative humidity, 7 a. m., 90; 12 m., 69; 7 p. m., 86

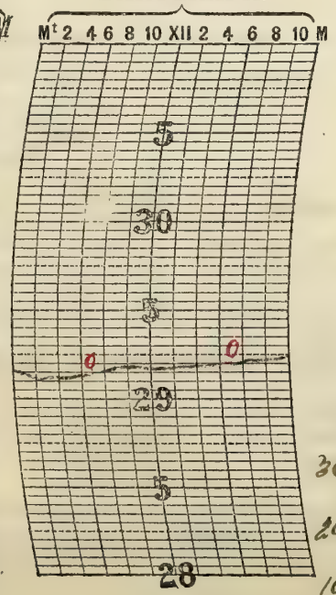
Reduced barometer, 30.12 a. m. / 30.18 p. m.

River gage, 3.6 ft.

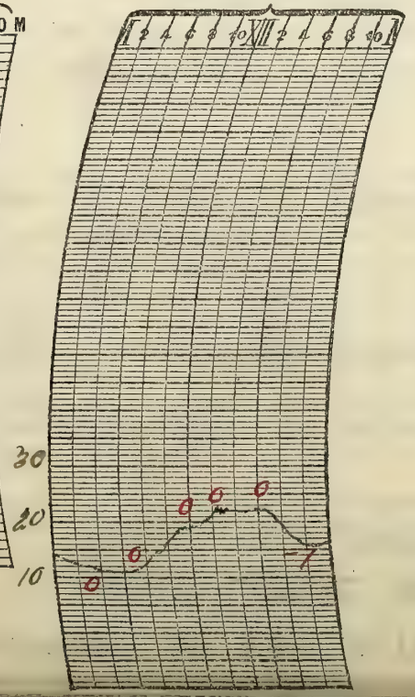
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CAS

Verified by DMCO.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR - 6 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	18	19	19	18	20	20	24	28	32	36	37	41	42	40	40	39	37	36	35	35	34	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?		Pt Cloudy						×	Clear				× Pt Cldy		× Cldy	× Pt Cldy		×	Clear				?
Sunrise: Time, 6:07; Character, Cloudy																					Sunset: Time, 5:37; Character, Cloudy			
Sunshine (in tenths of hours)							0	0.4	0.7	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0						
Wind direction	S	S	S	S	SE	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	9	11	9	11	9	11	12	13	15	16	13	16	17	16	17	12	11	12	13	12	13	12	10	10
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	15	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 6.9

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 60

Prevailing direction, S.

Total movement, 300

Average hourly velocity, 12.5

Maximum velocity, 21 Direction, S. Time. Began 11:51 am

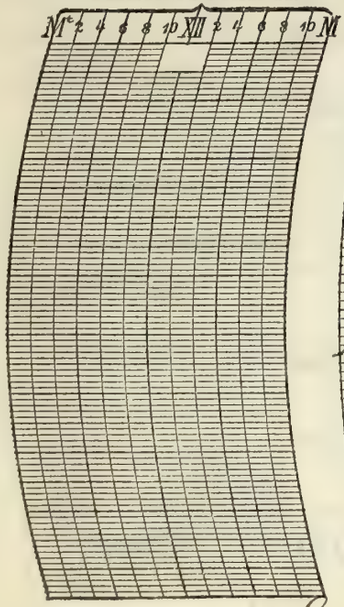
Extreme velocity, 23 S 11:51 am

Relative humidity, 7 a. m., 76; 12 m., 66; 7 p. m., 68

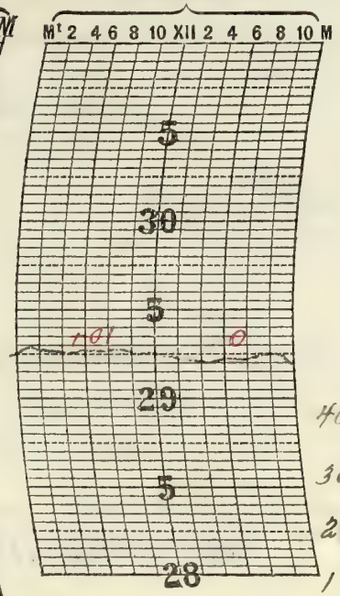
Reduced barometer, 30.26 a. m. 30.17 p. m.

River gage, 4.2 ft.

THERMOGRAPH.



BAROGRAPH.



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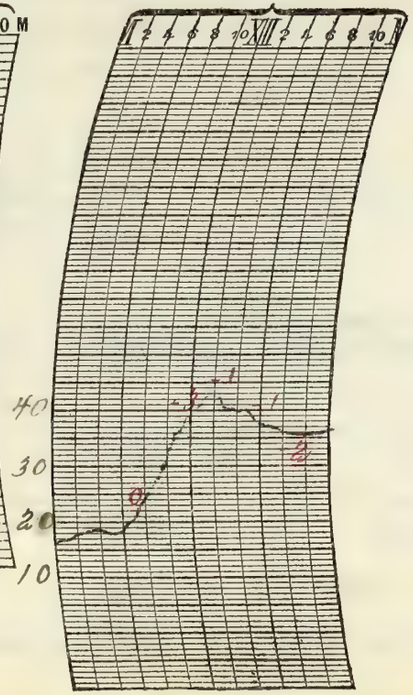


NOTES.

A pleasant day with moderate temperature.

Prepared by CCS

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR - 7 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	36	36	37	37	36	37	37	39	40
Nature of precipitation and time of beginning and ending						RB 5:20				RE 9:15		
Amounts of precipitation						—	—	—	—	—		
Cloudiness and other conditions	?				Cloudy							
Sunshine (in tenths of hours)		1					0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	8	8	10	9	9	7	9	9	11	14	15	16

Sunrise: Time, 6:06; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	42	45	43	43	43	42	38	38	37	37	36
Nature of precipitation and time of beginning and ending		RB 1:25	RE 2:30		RB 4:55	RE 5:20						
Amounts of precipitation		—	—		—	—						
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0	0				1		
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	14	16	17	20	19	16	24	29	22	23	24	25
Maximum velocities (exceeding 6.9 miles) direction and time							42 SW 6:08	42 SW 7:12		30 SW 9:44	31 SW 10:42	31 SW 11:18

Sunset: Time, 5:39; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

State of weather.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	35	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .28 ins.

Total precipitation, midnight to midnight, .32 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 0

Prevailing direction, SE.

Total movement, 374

Average hourly velocity, 15.6

Maximum velocity, 42 Direction, SW Time. Began 7:12 pm

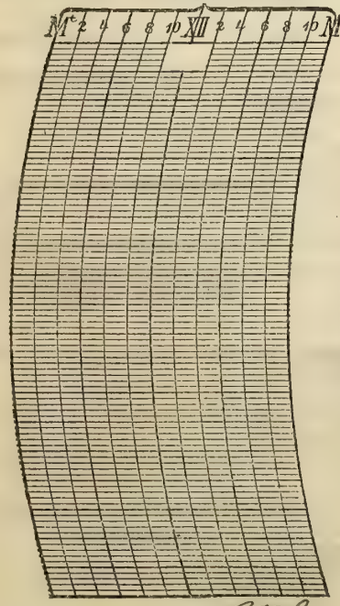
Extreme velocity, 45 — SW — 7:14 pm

Relative humidity, 7 a. m., 84; 12 m., 84; 7 p. m., 81

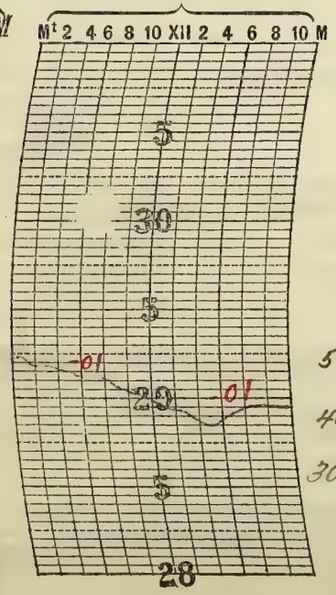
Reduced barometer, 30.07 a. m., 29.84 p. m.

River gage, 5.2 ft.

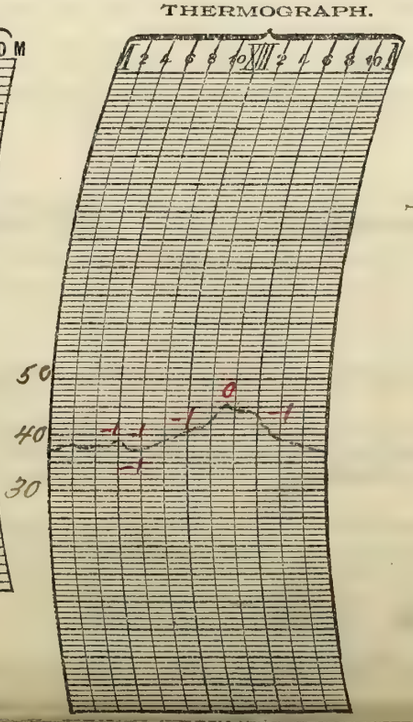
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A damp rainy disagreeable day with rising winds toward evening.

Prepared by CCS

Verified by JMW

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR - 8 1917, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	35	35	34	33	33	32	32	33	33	33	32	33	33	34	34	34	34	33	32	30	30	30
								S 8 E 9:50		S 9 E 9:10		S 8 E 11:50									S 8 E 8:05			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								T	T	T		T	T	T	T	T	T	T	T	T	T			
Cloudiness and other conditions	Cloudy												Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	26	26	21	20	24	25	23	24	23	18	23	25	23	21	20	18	18	17	17	19	17	16	13	14
Maximum velocities (exceeding 29 miles) direction and time	33 SW 1:39	32 SW 2:35			32 SW 4:19	30 SW 5:42	30 SW 6:43	31 SW 7:05			30 SW 10:40	30 SW 11:21												

Sunrise: Time, 6:04; Character, Cloudy

Sunset: Time, 5:40; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	30	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, Full 3:58 pm

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 491

Average hourly velocity, 20.5

Maximum velocity, 33 Direction, SW Time. Began 1:34 am

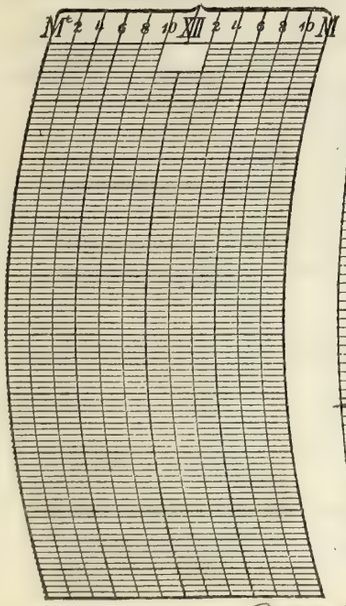
Extreme velocity, 35 — SW — 1:36 am

Relative humidity, 7 a. m., 99; 12 m., 71; 7 p. m., 95

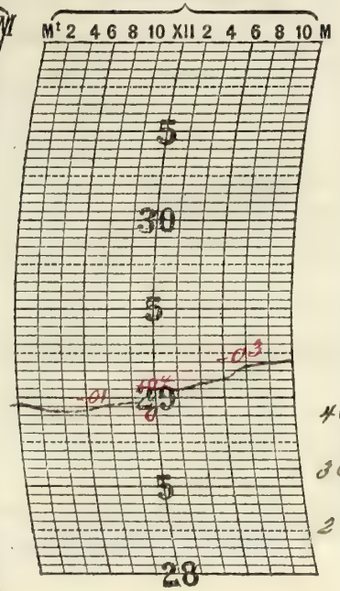
Reduced barometer, 29.88 a. m. 30.05 p. m.

River gage, 4.9 ft.

THERMOGRAPH.



BAROGRAPH.



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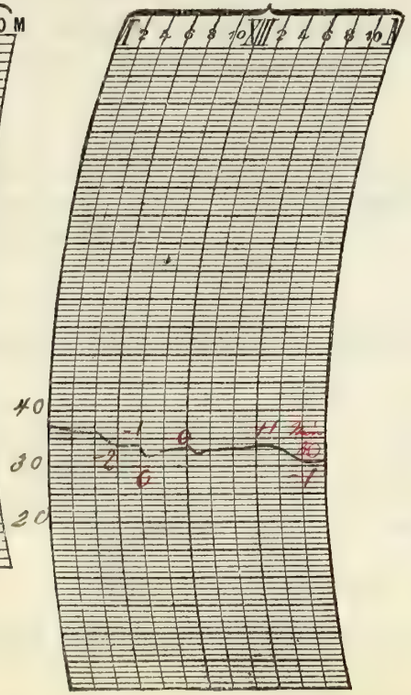


NOTES.

Prepared by CCB

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR - 9 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	32	32	32	32	31	32	32	33	35	35	36	37	39	40	[illegible]	35	34	33	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy									x	Partly		x		Clear					
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.2	0.5	0.3	0	0	0						
Wind direction	W	W	W	W	W	W	NW	W	W	W	SW	W	SW	SW	SW	SW	S	SW	E	E	E	E	E	E
Wind movement	15	15	14	12	10	8	7	8	7	6	9	8	8	7	7	5	4	2	4	4	4	5	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:02; Character, Cloudy

Sunset: Time, 5:41; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
40	30	35	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.0

Possible sunshine, hours, 11.6

Percentage of possible sunshine, 9

Prevailing direction, W.

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
18	W	Began 12:38 am

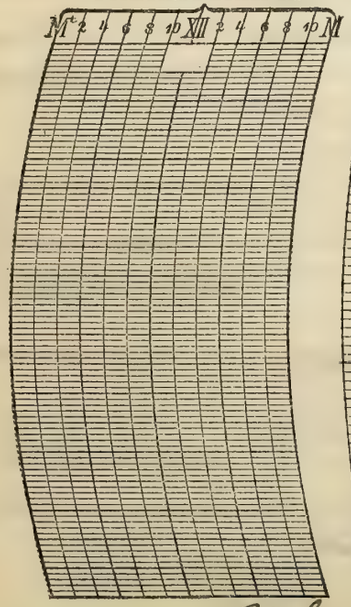
Extreme velocity, 19 — W — 12:38 am

Relative humidity, 7 a. m., 69; 12 m., 73; 7 p. m., 75

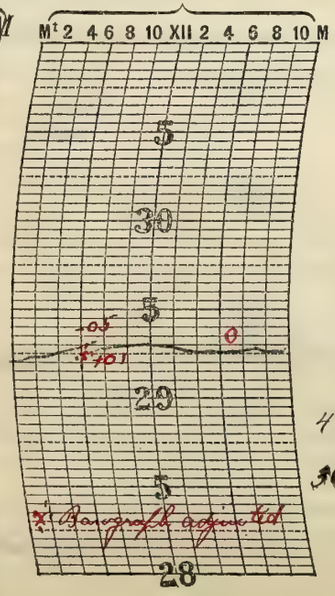
Reduced barometer, 30.22 a. m., 30.21 p. m.

River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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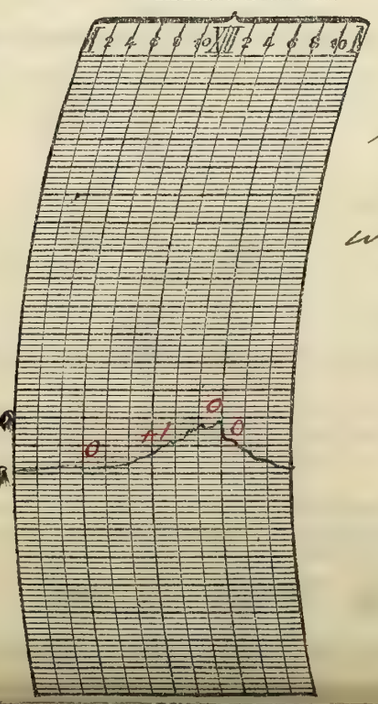


NOTES.

x Faint lunar halo observed at 10:15 pm.

The day was generally overcast with mild temperature.

Prepared by C. C. O.

Verified by P. M. L.

FORM NO. 1014—MET. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 10 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	30	31	32	35	38	40	45	47	52	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	2	—	—	Pt Cloudy				—	×	Cloudy		
Sunrise: Time, 6:01; Character, Cloudy												
Sunshine (in tenths of hours)							0	0.7	1.0	0.9	1.0	1.0
Wind direction	NE	E	E	E	E	SE	SE	SE	SE	SE	SE	S
Wind movement	4	7	6	4	4	5	10	12	14	14	15	16
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	61	62	60	55	56	53	52	52	51	50
	RB 12:20	RE 1:15				RB 5:18 RE 5:30						
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	—	—				—						
Cloudiness and other conditions			×	Pt Cloudy								?
Sunset: Time, 5:42; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0.2	0.2	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	13	11	19	17	17	18	21	23	18	19	19	17
Maximum velocities (exceeding 22 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

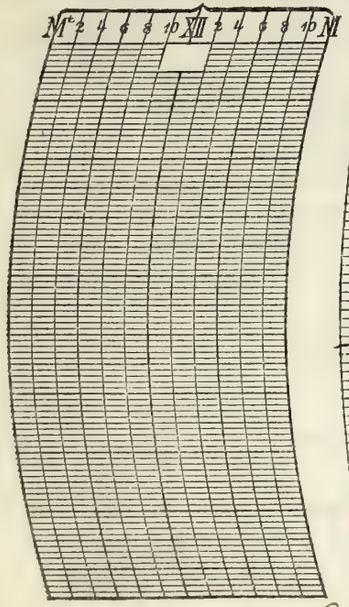
Maximum.	Minimum.	Mean.	Normal.
62	30	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 5.0
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 43
Prevailing direction, S.
Total movement, 323
Average hourly velocity, 13.5

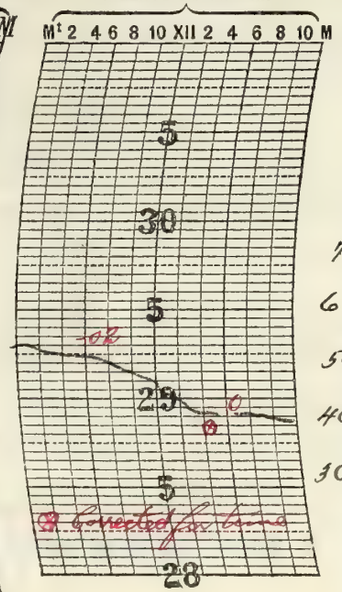
Maximum velocity,	Direction,	Time.
28	S	Began 7:00 pm

Extreme velocity, 28 — S — 7:00 pm
Relative humidity, 7 a. m., 60; 12 m., 21; 7 p. m., 58
Reduced barometer, 30.14 a. m., 29.85 p. m.
River gage, 4.2 ft.

THERMOGRAPH.



BAROGRAPH.



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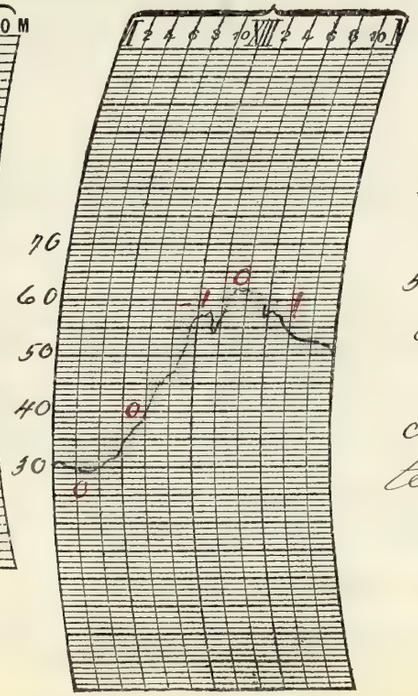


NOTES.

Thunderstorm. First thunder heard 12:50 pm; last heard at 12:55 pm the storm moved from the southwest.
Thunderstorm. First thunder heard at 5:20 pm; last heard at 5:30 pm; storm came from the southwest.
The day as a whole was cloudy with somewhat high temperatures.

Prepared by CCS
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 11 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	49	48	48	48	48	51	55	[illegible]	58
State of weather: Nature of precipitation and time of beginning and ending			RB DNA				RF 6:10	RB 7:45		RE 9:45		
Amounts of precipitation			—	—	—	—	—	—	—	—		
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, 5:39; Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.1	0.5	1.0	0.3
Wind direction	S	S	S	S	SW	SW	S	S	S	S	S	S
Wind movement	16	16	12	13	10	13	11	14	14	17	19	23
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	63	[illegible]	[illegible]	51	50	41	35	32	31	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending		RB 1:50	RE 2:15									
Amounts of precipitation		—	—									
Cloudiness and other conditions	← Cloudy →											
Sunset: Time, 5:43; Character, Cloudy												
Sunshine (in tenths of hours)	0.2	0.8	0.4	0.7	0.5	0						
Wind direction	S	SW	SW	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	23	15	13	18	12	13	16	17	15	14	11	10

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
64	31	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .66 ins.; to 7 p. m., .30 ins.

Total precipitation, midnight to midnight, .96 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.5

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 38

Prevailing direction, S

Total movement, 255

Average hourly velocity, 14.8

Maximum velocity,	Direction,	Time.
28	S	Began 12:27 pm

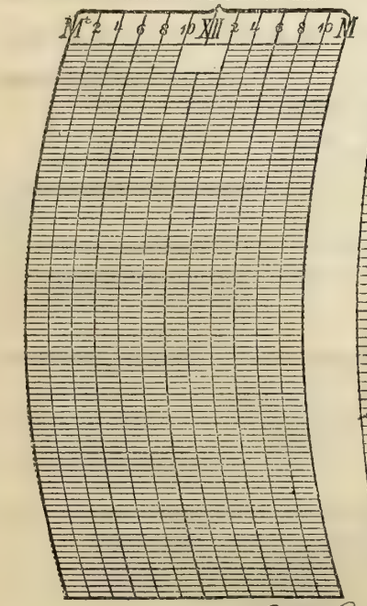
Extreme velocity, 29 — S, — 12:27 pm

Relative humidity, 7 a. m., 100; 12 M., 22; 7 p. m., 91

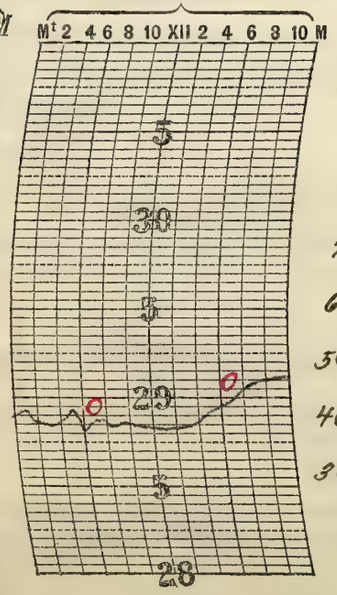
Reduced barometer, 29.80 a. m., 29.83 p. m.

River gage, 5.4 ft.

THERMOGRAPH.



BAROGRAPH.



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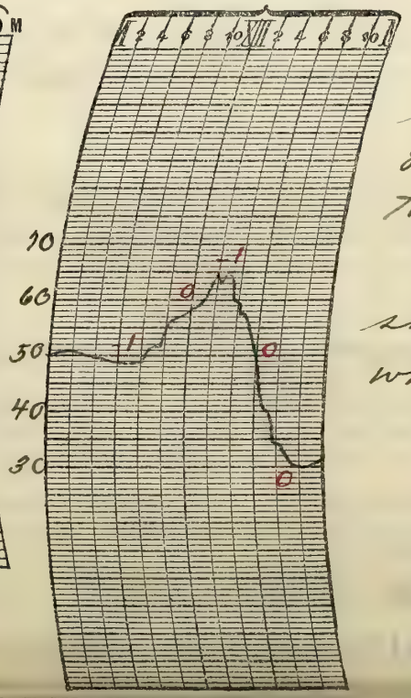


NOTES.

Thunderstorm; First thunder heard at 7:50 am; last heard at 8:15 am. The storm moved from west to east

The day was marked by showers and high temperatures which fell in the evening

Prepared by CAS

Verified by PMS

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 1 2 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	31	31	31	31	32	32	30	31	30	30	32
State of weather: Nature of precipitation and time of beginning and ending		RB DNA	RE DNA									
Amounts of precipitation		—	—									
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5:57; Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.1
Wind direction	NW	NW	NW	N	N	N	N	N	N	N	N	NE
Wind movement	8	8	7	8	8	7	10	12	12	13	14	15
Maximum velocities (exceeding 29 miles) direction and time												

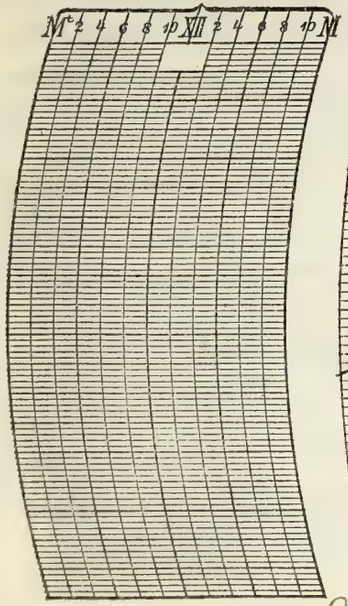
	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	35	36	37	35	34	33	32	32	32	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, 5:44; Character, Cloudy												
Sunshine (in tenths of hours)	0.7	1.0	0.2	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	9	12	12	13	15	14	14	17	15	17	21
Maximum velocities (exceeding 29 miles) direction and time												30 NE 11:34

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

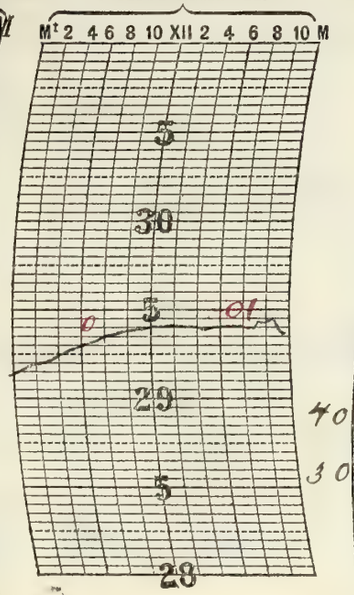
	Maximum.	Minimum.	Mean.	Normal.
	37	30	34	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 2.0
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 17
Prevailing direction, NE
Total movement, 294
Average hourly velocity, 12.2
Maximum velocity, 30 Direction, NE Time. Began 11:34 pm
Extreme velocity, 30 — NE — 11:34 pm
Relative humidity, 7 a. m., 79; 12 N., 79; 7 p. m., 78
Reduced barometer, 30.28 a. m. 30.35 p. m.
River gage, 11.4 ft.

THERMOGRAPH.



BAROGRAPH.



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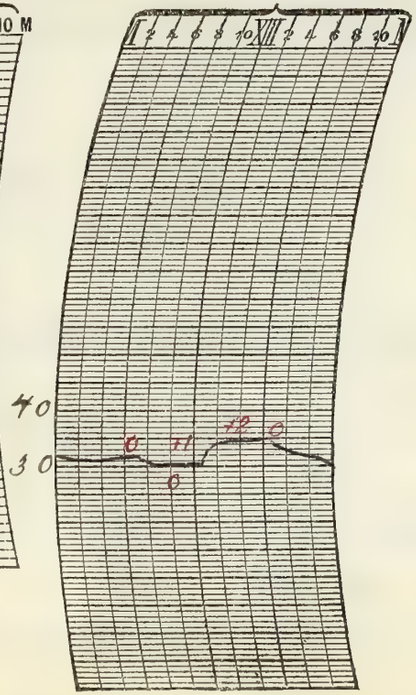


NOTES.

A dark and gloomy day.

Prepared by
Verified by

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 13 1917, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	27	30			29	28	27	28	27	30
			RB DNA						RE 8:30			
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			—	—	—	—	—	—	—			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character,	5156 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.8
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	19	22	21	20	22	15	12	15	15	15	19	22
Maximum velocities (exceeding 29 miles) direction and time		30 E 1:58										

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	32	32			31	31	32	33		
							RB 6:10	NE 7:28	RB 8:25	NE 9:15		
Nature of precipitation and time of beginning and ending												
Amounts of precipitation							—	—	—	—		
Cloudiness and other conditions	Cloudy											
Sunset: Time, Character,									5:45 Cloudy			
Sunshine (in tenths of hours)	0.2	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	0	E	E
Wind movement	9	10	14	17	15	19	17	17	15	0	7	5

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

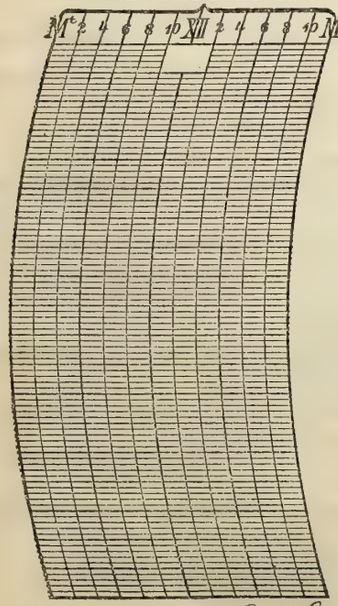
Maximum.	Minimum.	Mean.	Normal.
35	27	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.0
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 8
Prevailing direction, NE.
Total movement, 362
Average hourly velocity, 15.1

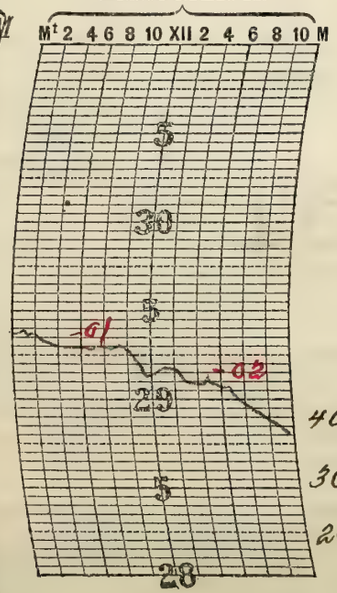
Maximum velocity,	Direction,	Time.
30	E	Began 1:58 am
Extreme velocity, 31	E	1:58 am

Relative humidity, 7 a. m., 89; 12 M., 78; 7 p. m., 100
Reduced barometer, 30.25 a. m. 29.98 p. m.
River gage, 11.8 ft.

THERMOGRAPH.



BAROGRAPH.



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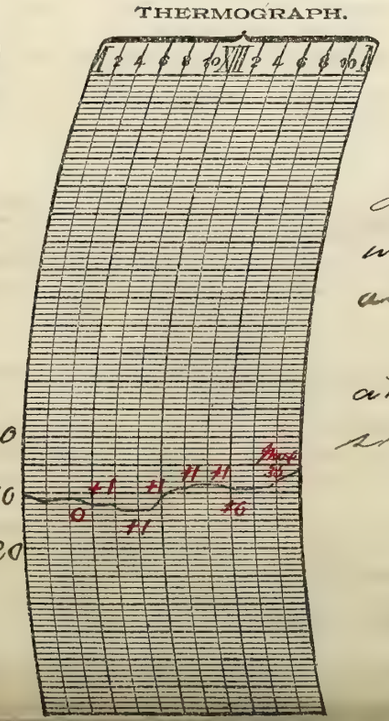


NOTES.

The rain of this morning froze as it fell making the streets and walks icy and slippery which made walking very disagreeable as well as dangerous.

Thunderstorm; first thunder heard at 8:20 pm; last heard at 8:40 pm. The storm moved from the northeast.

Prepared by C C S
Verified by P M S

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 14 1917, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	39	37	35	35	34	33	33	33	33	34	34
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 5:54 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0
Wind direction	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	15	23	28	25	25	25	25	22	24	26	26
Maximum velocities (exceeding 29 miles) direction and time			30 SW 2:29	34 SW 3:05	35 SW 4:11	32 SW 5:20	30 SW 6:02	30 SW 7:13		33 SW 9:23	31 SW 10:18	31 SW 11:22

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	35	35	36	35	35	35	34	34	33	31	29
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunset: Time, 5:46 Character, Cloudy												
Sunshine (in tenths of hours)	0.2	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	27	25	25	24	21	22	22	19	20	22	17	16
Maximum velocities (exceeding 29 miles) direction and time	33 SW 12:24		34 SW 2:24				30 SW 6:32					

Sunshine (tenths of hours): 1

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	39	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .23 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0.4

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 3

Prevailing direction, SW

Total movement, 529

Average hourly velocity, 22.0

Maximum velocity, 35 Direction, SW Time. Began 4:11 am

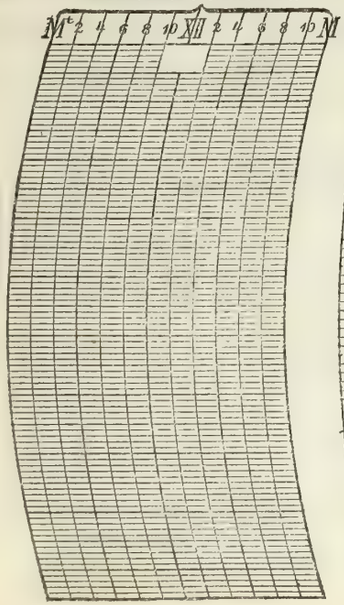
Extreme velocity, 39 SW 4:11 am

Relative humidity, 7 a. m., 77; 12 m., 62; 7 p. m., 73.

Reduced barometer, 29.93 a. m. 30.12 p. m.

River gage, 11.9 ft.

THERMOGRAPH.



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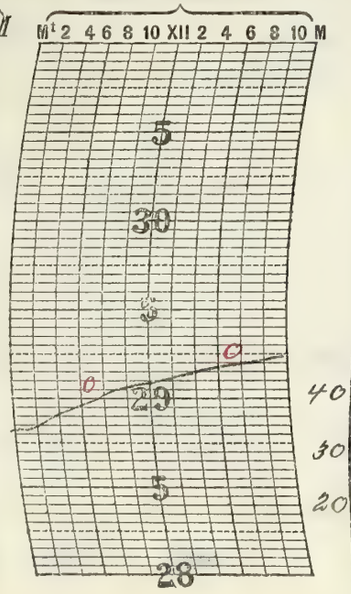

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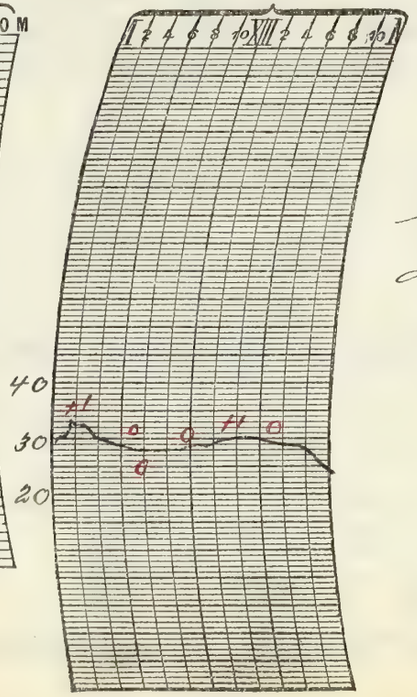


NOTES.

* For beginnings and endings see previous date.

The day was marked by strong southwesterly winds diminishing during the night.

Prepared by COS

Verified by JMK

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 15 1917, 191

Time (local standard) 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	28	28	28	28	28	29	30	30	32	34
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy								×	Pt Cloudy		
Sunrise: Time, 5:53 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.4	1.0	1.0
Wind direction	W	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	14	18	17	16	13	12	12	12	13	12	12	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	37	37	37	[illegible]	32	30	30	29	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×		Clear					?
Sunset: Time, 5:42 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0						
Wind direction	NW	NW	W	W	NW	N	N	N	N	N	NE	NE
Wind movement	10	8	8	7	6	6	6	7	8	7	6	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	

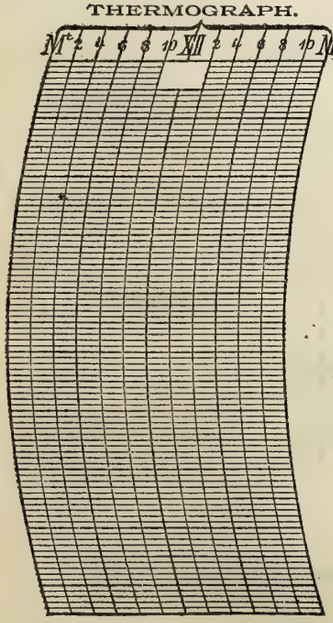
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 7.4
Possible sunshine, hours, 11.9
Percentage of possible sunshine, 62
Prevailing direction, W.
Total movement, 244
Average hourly velocity, 10.2

Maximum velocity,	Direction,	Time.
21	W	Began 2:17 am

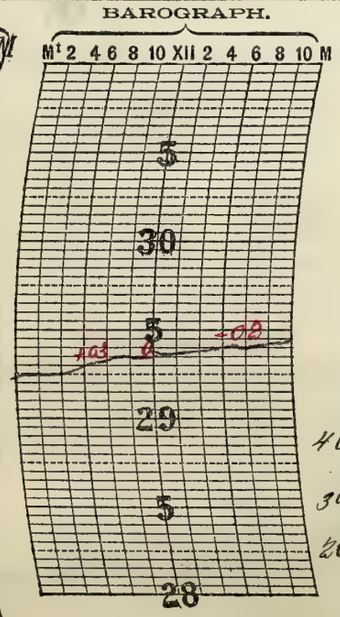
Extreme velocity, 21 — W — 2:17 am

Relative humidity, 7 a. m., 80; 12 m., 72; 7 p. m., 72
Reduced barometer, 30.29 a. m., 30.25 p. m.
River gage, 11.8 ft.

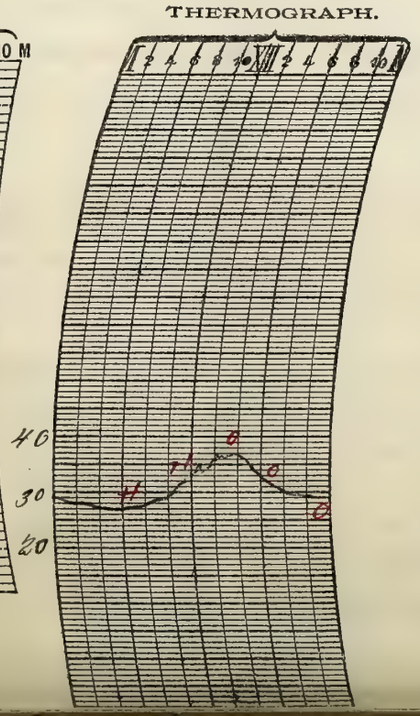
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by C.A.S.
Verified by P.M.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 16 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	30	30	30	30	31	32	32	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Cloudy							
Sunrise: Time, 5:51 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0
Wind direction	NE	NE	NE	NE	NE	E	E	NE	E	E	E	E
Wind movement	5	8	7	7	8	9	12	12	13	14	14	10
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	33	35	34	37	39	42	45	48	51	52	47
State of weather: Nature of precipitation and time of beginning and ending	RB 12:05			RE 3:48							RB 10:45	RE 0N P
Amounts of precipitation	—	—	—	—							—	—
Cloudiness and other conditions					Cloudy							
Sunset: Time, 5:48 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	S	SW
Wind movement	13	13	14	13	12	11	10	16	16	19	23	21
Maximum velocities (exceeding 29 miles) direction and time											40 S 10:57	

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	28	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .18 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy Moon phase, Last quarter 6:33 am

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 2

Prevailing direction, E.

Total movement, 300

Average hourly velocity, 12.5

Maximum velocity, 40 Direction, S Time. Began 10:57 pm

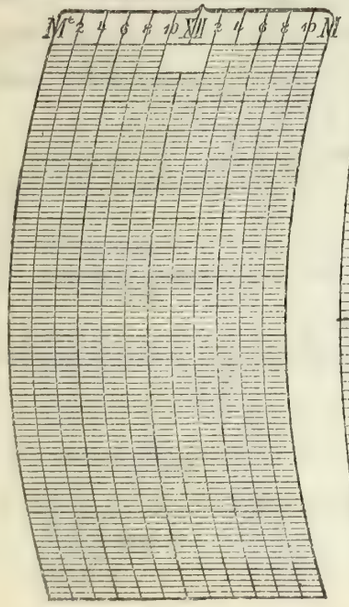
Extreme velocity, 46 — S, — 10:57 pm

Relative humidity, 7 a. m., 62; 12 M., 53; 7 p. m., 77

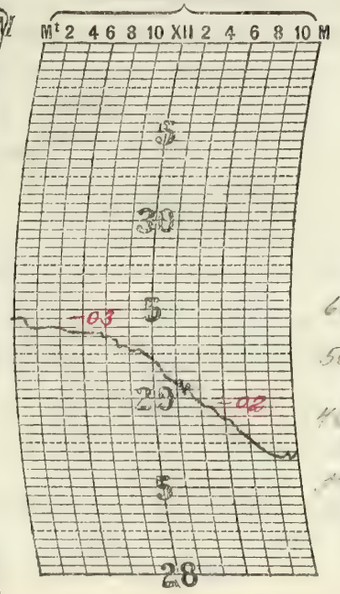
Reduced barometer, 30.27 a. m. 29.74 p. m.

River gage, 11.6

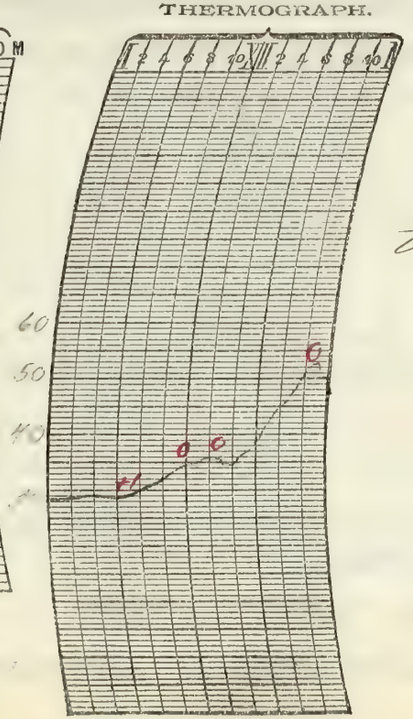
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The wind during the night rose and blew gales from the southwest.

Prepared by CCS

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 17 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	41	40	37	35	34	34	32	32	31	30	30
							SE 6:45					
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							—	—	—	—	—	—
Cloudiness and other conditions						Cloudy						
	Sunrise: Time, 5:49	Character, Cloudy										
Sunshine (in tenths of hours)		1				0	0	0	0	0	0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	26	25	23	36	30	29	35	34	32	34	32	31
Maximum velocities (exceeding 29 miles) direction and time	34 SW 12:35	35 SW 1:00		48 SW 3:32	33 SW 4:10	34 SW 5:30	46 SW 6:25	40 SW 7:27	40 SW 8:30	40 SW 9:15	36 SW 10:08	36 SW 11:03

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	30	31	32	31	32	32	32	32	31	30
				SE 3:45					SW 8:10			
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				—					—	—	—	—
Cloudiness and other conditions					Cloudy							?
									Sunset: Time, 5:50	Character, Cloudy		
Sunshine (in tenths of hours)	0.1	0	0	0	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	29	29	30	26	26	26	21	22	23	22	22	21
Maximum velocities (exceeding 29 miles) direction and time	38 SW 12:02	34 SW 1:03	34 SW 2:40	35 SW 3:28	34 SW 4:03							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	47	29	35	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m.,* 0.1 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.4

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 3

Prevailing direction, SW

Total movement, 664

Average hourly velocity, 27.7

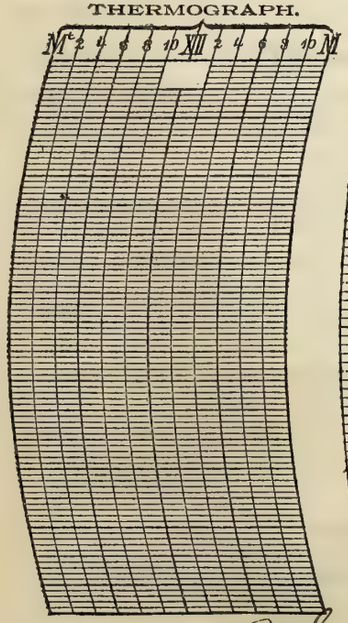
Maximum velocity,	Direction,	Time.
48	SW	Began 9:15 am
Extreme velocity, 78	SW	9:18 am

Relative humidity, 7 a. m., 83; 12 m., 78; 7 p. m., 88

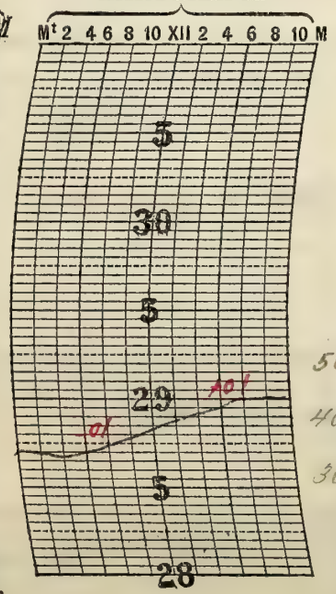
Reduced barometer, 29.63 a. m. 29.94 p. m.

River gage, 11.2 ft.

THERMOGRAPH.



BAROGRAPH.



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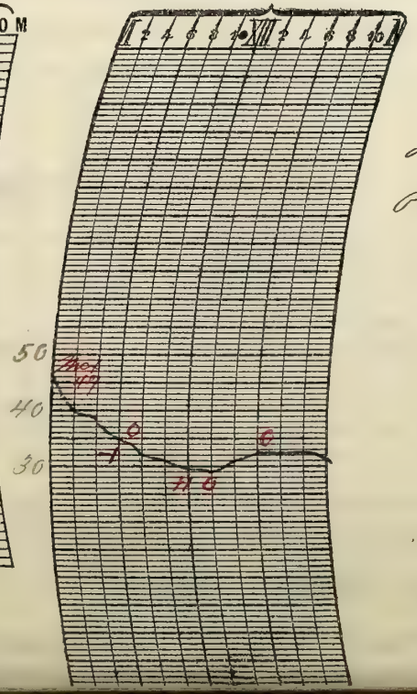


NOTES.

* For beginnings & endings see March 16, 1917.

The high winds which began on the previous date continued throughout today.

Prepared by [illegible]

Verified by P.M.C.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 18 1917, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	28	28	26	24	25	25	25	26	29	27	28	29	29	27	29	26	26	23	23	23	23	23
State of weather: Nature of precipitation and time of beginning and ending							6:20 S-E 6:55 S-B										4:15 S-E							
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
Cloudiness and other conditions	?			Cl	Cloudy								× Cloudy			× Cloudy		×	Clear					
Sunshine (in tenths of hours)						0	0	0	0.8	0.9	0.9	1.0	1.0	1.0	1.0	0.4	0.7	0.1						
Wind direction	W	SW	SW	SW	SW	W	SW	W	SW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	W	W	SW
Wind movement	22	16	17	17	14	15	19	19	23	23	24	24	25	23	24	22	17	13	10	13	9	6	5	4
Maximum velocities (exceeding 29 miles) direction and time											32 W 10:38				30 W 2:42		34 W 4:07							

Sunrise: Time, 5:48; Character, Cloudy

Sunset: Time, 5:51; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	30	23	25	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 7.8

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 65

Prevailing direction, W.

Total movement, 404

Average hourly velocity, 16.8

Maximum velocity, 34 Direction, W Began 4:07 pm

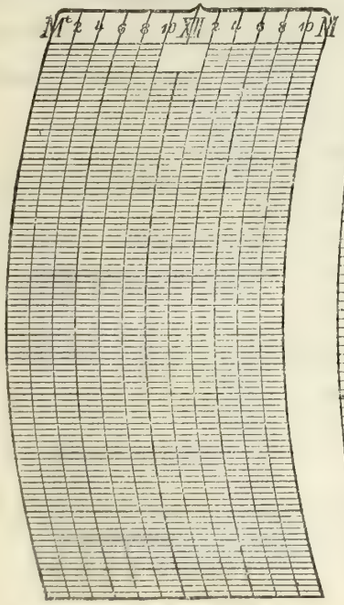
Extreme velocity, 39 — W — 4:08 pm

Relative humidity, 7 a. m., 69; 12 m., 65; 7 p. m., 75

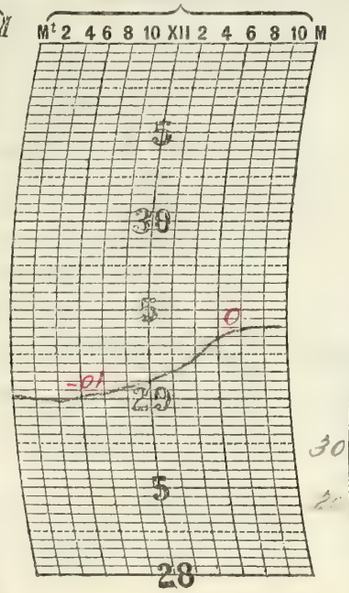
Reduced barometer, 29.95 a. m., 30.30 p. m.

River gage, 11.2 ft.

THERMOGRAPH.



BAROGRAPH.



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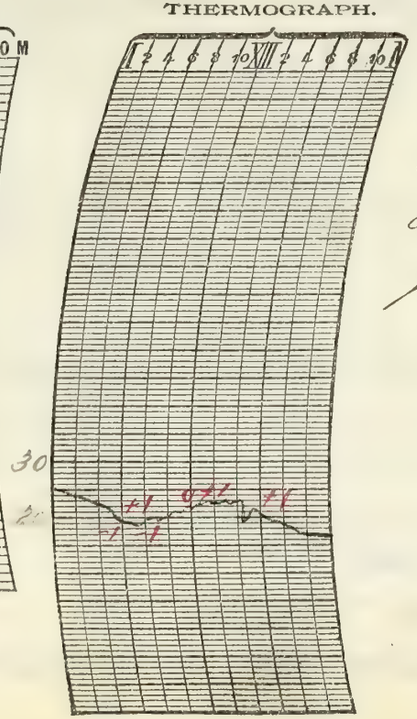


NOTES.

The day was partly cloudy as a whole and was cold and blustery with snow flurries throughout the day.

Prepared by CCS

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 19 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	21	2[illegible]	2[illegible]	[illegible]	23	27	32	[illegible]	[illegible]	37	40	41	43	[illegible]	[illegible]	[illegible]	39	39	39	39	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunshine (in tenths of hours)	Sunrise: Time, 5:46 Character, Cloudy					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.67 0.2			Sunset: Time, 5:52 Character, Clear			
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	4	5	7	7	7	7	9	11	14	15	16	16	20	19	20	20	20	17	17	20	19	19	21	21
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	43	20	32	

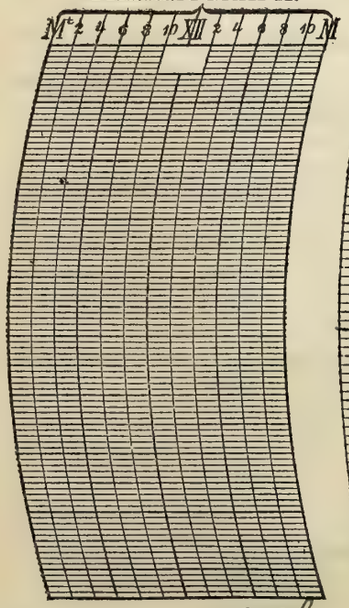
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.2
Possible sunshine, hours, 12.1
Percentage of possible sunshine, 93
Prevailing direction, S
Total movement, 351
Average hourly velocity, 14.6

Maximum velocity,	Direction,	Time.
25	SE	Began 3:23 pm

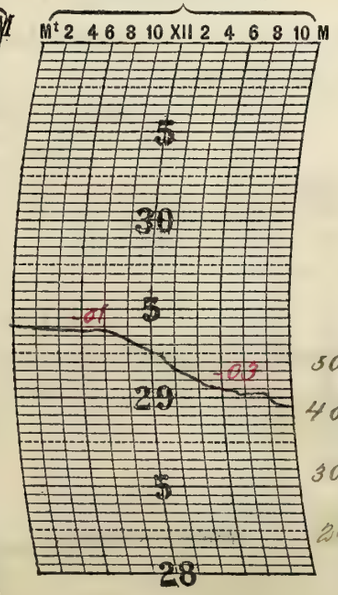
Extreme velocity, 26 — S — 3:26 pm

Relative humidity, 7 a. m., 84; 12 m., 74; 7 p. m., 60
Reduced barometer, 30.34 a. m. 29.27 p. m.
River gage, 9.4 ft.

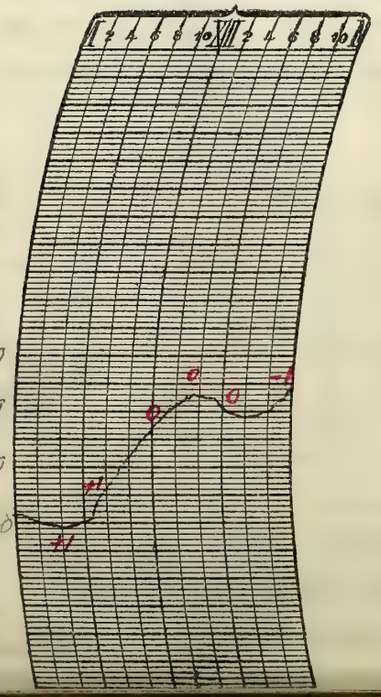
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear and pleasant day with moderate temperature.

Prepared by COS
Verified by P. McD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 20 1917, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	39	38	37	36	[illegible]	37	40	45	46	49	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character	5:44 Clear											
Sunshine (in tenths of hours)						.27 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	23	18	16	14	14	14	13	16	14	15	12	17
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	55	56	55	54	53	50	50	49	48	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly Cloudy											
Sunset: Time, Character	5:53 Cloudy											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9								
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW
Wind movement	17	16	16	14	12	8	5	6	4	6	5	7
Maximum velocities (exceeding 29 miles) direction and time												

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	35	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., [illegible] ins.
Total precipitation, midnight to midnight, [illegible] inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 4
Actual sunshine, hours, 10.2
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 8[illegible]
Prevailing direction, SW
Total movement, [illegible]
Average hourly velocity, 12.8

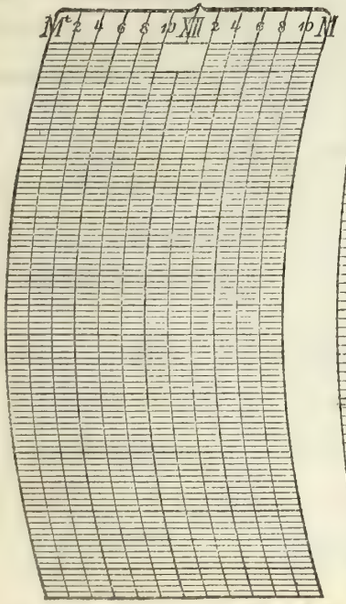
Maximum velocity,	Direction,	Time.
29	S	Began 12:05 am

Extreme velocity, 30 — S — 10:07 am

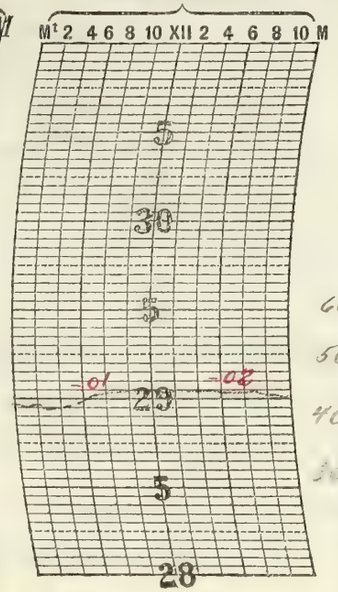
Relative humidity, 7 a. m., 80; 12 m., 69; 7 p. m., 49
Reduced barometer, 29.93 a. m., 29.95 p. m.
River gage, 8.1 ft.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

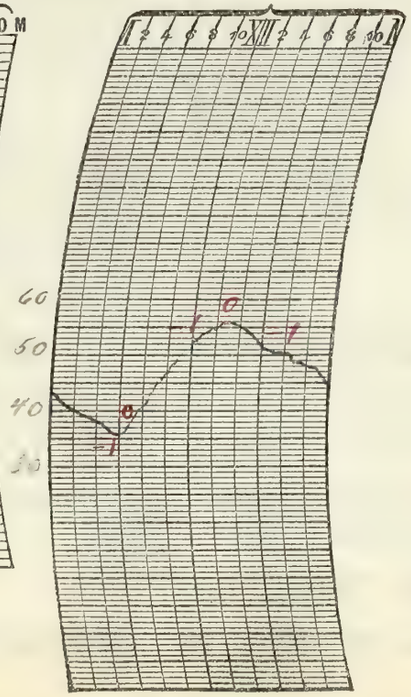
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Spring begins this date at 10:38 pm.
A very pleasant day.
Robins were heard toward evening in the trees along the streets.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 21 1917, 191

Time (local standard), 75th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	42	42	42	41	[illegible]	[illegible]	44	48	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	7				Clear							
Sunrise: Time, Character	5:43 Clear											
Sunshine (in tenths of hours)		1				0	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	[illegible]	SW	SW	[illegible]	W	W	W	[illegible]
Wind movement	6	4	6	7	4	5	5	7	6	10	13	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	54	54	53	[illegible]	5	47	46	44	43	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly				Clear			
Sunset: Time, Character									5:54 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0				1		1
Wind direction	NW	W	NW	[illegible]	W	[illegible]	[illegible]	[illegible]	SW	SW	SW	[illegible]
Wind movement	15	15	12	8	6	2	2	3	4	3	5	5
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
54	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to [illegible] a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, [illegible] Moon phase, [illegible]

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 10.7

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 89

Prevailing direction, NW

Total movement, 159

Average hourly velocity, 6.6

Maximum velocity, 17 Direction, NW Time. Began 11:3[illegible]

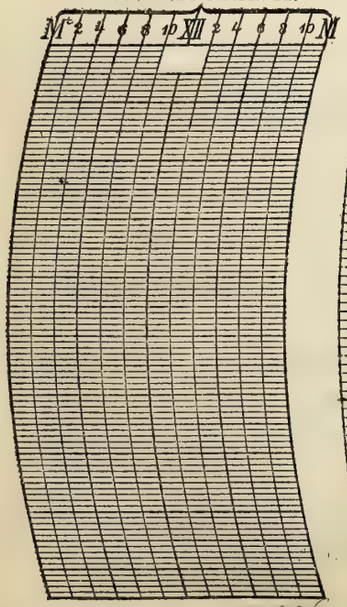
Extreme velocity, 18 NW [illegible]

Relative humidity, 7 a. m., 84; 12 m., 42; 7 p. m., 51

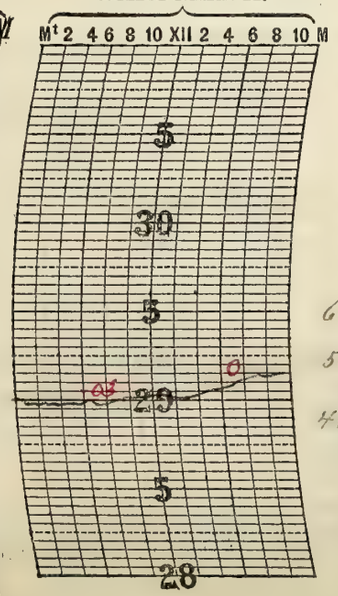
Reduced barometer, 29.51 a. m. 29.02 p. m.

River gage, 7.0 ft.

THERMOGRAPH.



BAROGRAPH.



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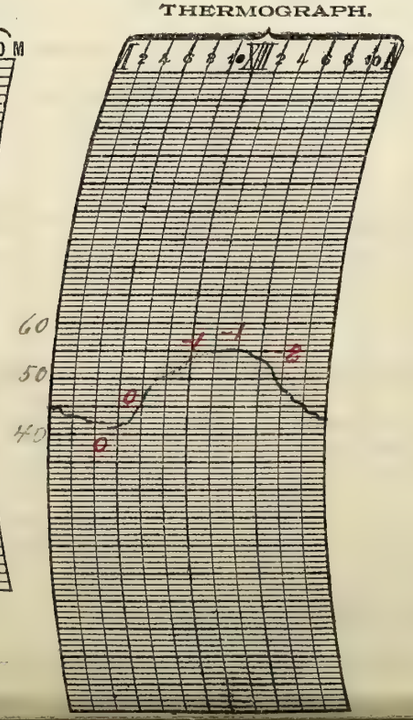


NOTES.

A very pleasant, sunshiny spring day

Prepared by [illegible]

Verified by P.M.C.D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 22 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	41	38	37	37	36	40	48	52	55	58	57	60	61	62	63	61	59	57	56	54	52	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear												Clear						?
Sunrise: Time, 5:41 Character, Clear																					Sunset: Time, 5:55 Character, Cloudy			
Sunshine (in tenths of hours)						.32 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8							
Wind direction	W	W	SW	SW	SW	0	SW	SW	S	SE	SE	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	3	4	5	2	0	1	2	6	7	10	12	13	15	14	12	13	10	11	11	12	13	15	13
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	36		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear Moon phase, New

Average daily cloudiness (0–10), 0

Actual sunshine, hours, 11.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 92

Prevailing direction, SE

Total movement, 214

Average hourly velocity, 8.9

Maximum velocity, 20 Direction, S Time. Began 11:28 pm

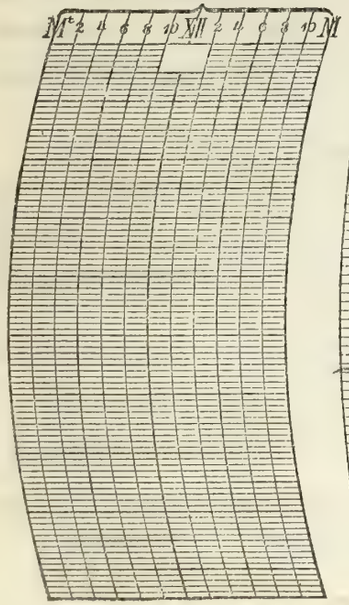
Extreme velocity, 22 S 11:28 pm

Relative humidity, 7 a. m., 84; 12 p. m., 58; 7 p. m., 43

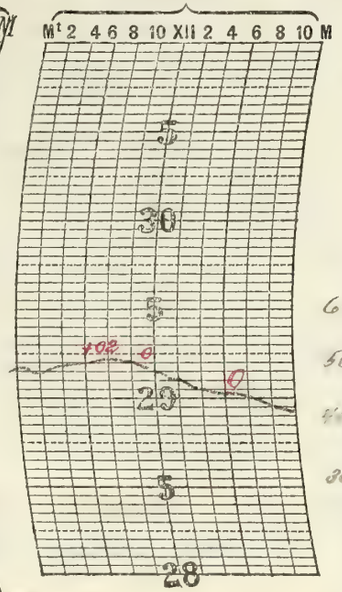
Reduced barometer, 30.16 a. m., 29.95 p. m.

River gage, 6.6

THERMOGRAPH.



BAROGRAPH.



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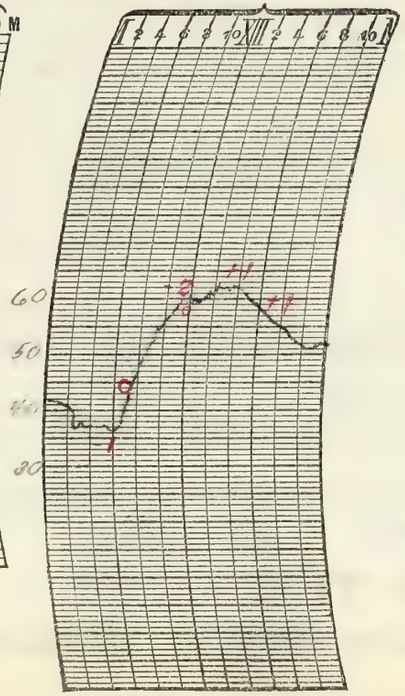


NOTES.

A pleasant spring day with moderate temperatures and bright sunshine.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 23 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	[illegible]	[illegible]	[illegible]	55	[illegible]	54	55	55	[illegible]	[illegible]	[illegible]	60	60	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending							RB 6:20		RE 8:50					RB 1:42			RE 4:15							
Amounts of precipitation																								
Cloudiness and other conditions	?				Cloudy												Cloudy							?
Sunrise: Time, 5:39; Character, Cloudy																								
Sunset: Time, 5:56; Character, Cloudy																								
Sunshine (in tenths of hours)		1				0	0	0	0	0.8	[illegible]	[illegible]	0	0	0.4	[illegible]	[illegible]	[illegible]						
Wind direction	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	W	W	W	W	W	SW	SW	SW
Wind movement	16	18	[illegible]	[illegible]	15	[illegible]	[illegible]		15	18	[illegible]	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	8	8	[illegible]
Maximum velocities (exceeding 27 miles) direction and time															36 S 2:29	42 SW 3:17	32 W 4:05	37 W 5:49						

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., [illegible] ins.; to [illegible] p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase, [illegible]

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 2.5

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 20

Prevailing direction, SW

Total movement, 441

Average hourly velocity, 18.5

Maximum velocity, 42 Direction, SW Time. Began 3:17 pm

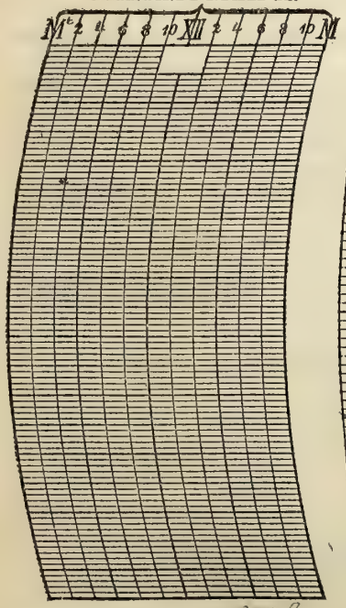
Extreme velocity, 44 — [illegible] — [illegible]

Relative humidity, 7 a. m., [illegible]; 12 m., [illegible]; [illegible] p. m., [illegible]

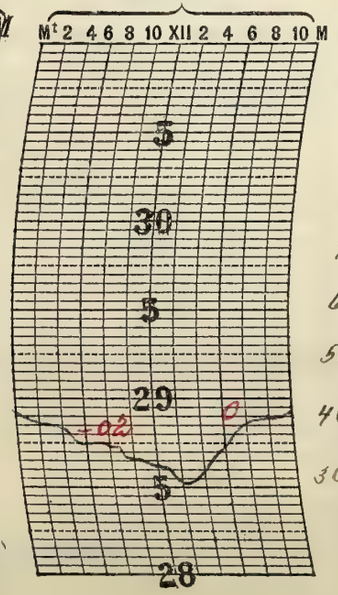
Reduced barometer, 28.65 a. m. 28.7[illegible] p. m.

River gage, [illegible]

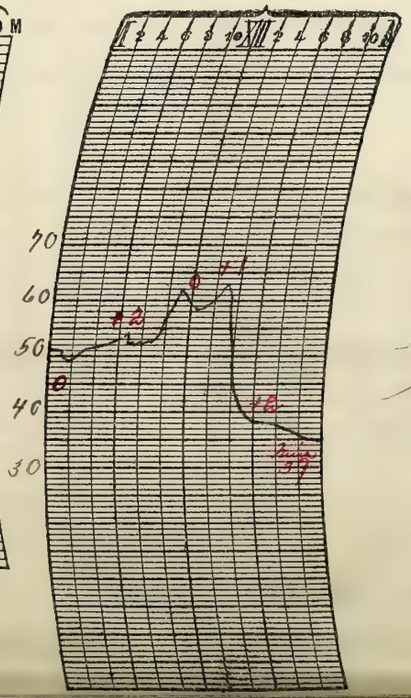
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:— First thunder heard at 6:10 am; last at 7:40 am. The storm moved from the south.

In the afternoon the wind became high and while the pressure rose the temperature fell.

Prepared by [illegible]

Verified by [illegible]

R—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 24 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	36	34	33	34	33	39	44	46	49	51	52	54	55	55	55	[illegible]	[illegible]	49	47	45	45	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	—	Clear	—	—	—	—	—	—	—	—	—	—	—	Clear	—	—	—	—	—	—	→
Sunshine (in tenths of hours)						.37 / 0	0.3 / 0.7	1.0	1.0	1.0	[illegible]	[illegible]	1.0	1.0	1.0	1.0	1.0	.55 / 0.6						
Wind direction	SW	SW	SW	SW	[illegible]	SW	SW	SW	SW	SW	SW	[illegible]	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	12	11	9	1	8	10	11	10	12	12	[illegible]	[illegible]	16	17	14	14	13	9	9	9	12	12	13	13

Sunrise: Time, 5:38; Character, Clear

Sunset: Time, 5:52; Character, Clear

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	32		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10), _____

Actual sunshine, hours, 12.3

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 278

Average hourly velocity, 11.6

Maximum velocity, 21 Direction, SW Time. Began 1:18 pm

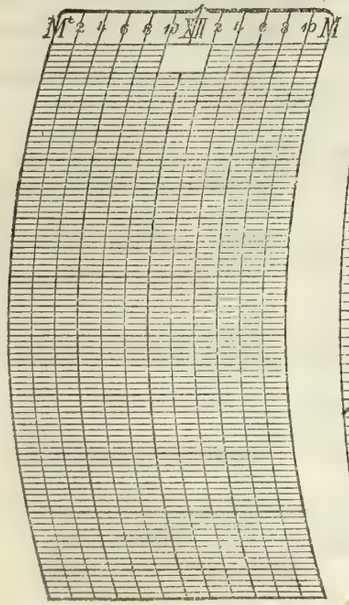
Extreme velocity, 21 — SW — 1:18 pm

Relative humidity, 7 a. m., 80; 12 p. m., [illegible]; 7 p. m., [illegible]

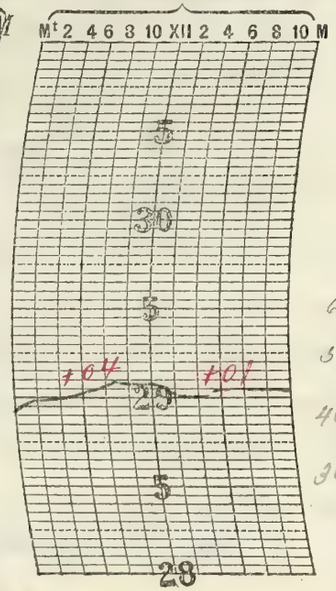
Reduced barometer, 30.03 a. m. [illegible] p. m.

River gage, 10.0 ft.

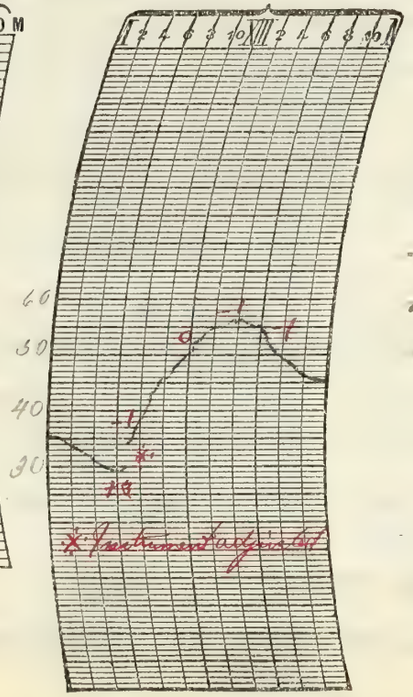
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A very pleasant spring day with moderate temperature. ~~Thunderstorm: First thunder heard 1:20 pm; last heard at 8:00 pm. The storm moved from west to east.~~

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR. 25 1917, 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	42	41	41	43	44	48	54	57	59	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 5:36; Character, Clear						.10	03					
Sunshine (in tenths of hours)						0	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	12	10	9	11	12	12	14	16	23	24	25	27
Maximum velocities (exceeding 29 miles) direction and time										30 S 9:55	32 S 10:43	34 S 11:49

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	66	65	63	60	58	56	54	52	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 5:58; Character, Clear						.37						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0								
Wind direction	S	S	S	S	S	S	S	S	S	S		
Wind movement	30	28	25	22	2	14						
Maximum velocities (exceeding 29 miles) direction and time	35 S 12:29	33 S 12:44	31 S 2:[illegible]	33 S 2:[illegible]								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
66	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 0

Actual sunshine, hours, 12.7

Possible sunshine, hours, 12.4

Percentage of possible sunshine,

Prevailing direction, S

Total movement,

Average hourly velocity, 17.2

Maximum velocity, 35 Direction, S Time. Began 12:29 pm

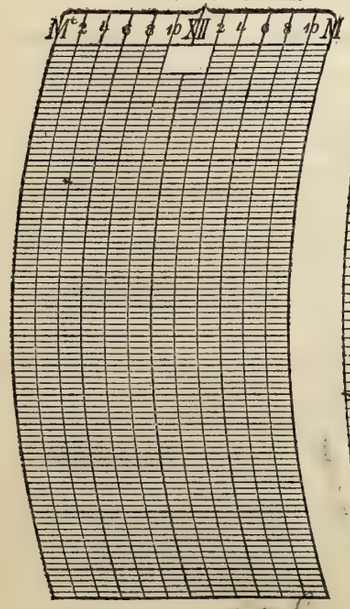
Extreme velocity, 37 S 12:57 pm

Relative humidity, 7 a. m., 78; 12 M., 65; 7 p. m.,

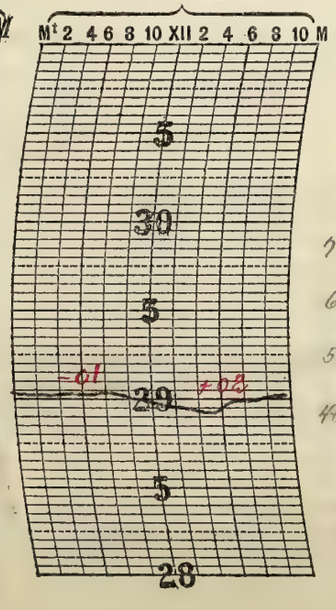
Reduced barometer, 29.96 a. m., 28.91 p. m.

River gage, 10.0 5.1

THERMOGRAPH.



BAROGRAPH.



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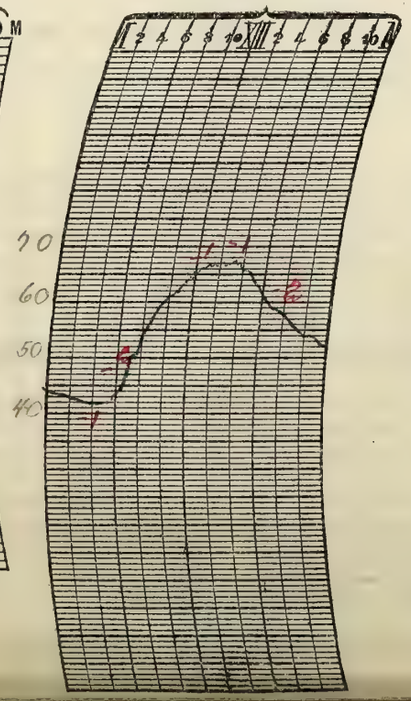


NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 26 1917, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	51	50	50	[illegible]	49	53	58	62	65	68	69	70	70	70	69	62	58	45	42	42	38	37
																		RB 5:35	RE 6:15	RE 7:15		RE 9:30	RB 10:10	RE ONP
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																		—	—	—	—	—	—	—
Cloudiness and other conditions						Clear									Partly Cloudy					Cloudy				
	Sunrise: Time, 5:34 Character, Clear																				Sunset: Time, 5:59 Character, Cloudy			
Sunshine (in tenths of hours)						.43 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0						
Wind direction	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	W	NW	NW	W	W	NW
Wind movement	9	10	12	5	14	13	13	15	18	21	22	22	26	29	26	25	20	15	[illegible]	[illegible]	9	5	10	[illegible]
Maximum velocities (exceeding 20 miles) direction and time													38 S 12:35	30 S 1:10	35 S 2:40	34 S 3:10								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	37	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 11.3

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 91

Prevailing direction, S

Total movement, [illegible]

Average hourly velocity, [illegible]

Maximum velocity,	Direction,	Time.
35	S	Began 2:43 a.m.

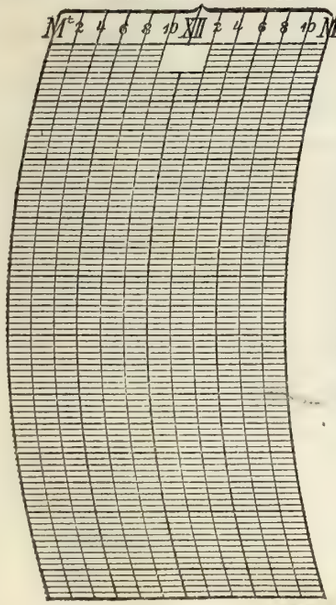
Extreme velocity, 38 — S — 2:50 p.m.

Relative humidity, 7 a. m., 85; 12 m., 42; 7 p. m., 86

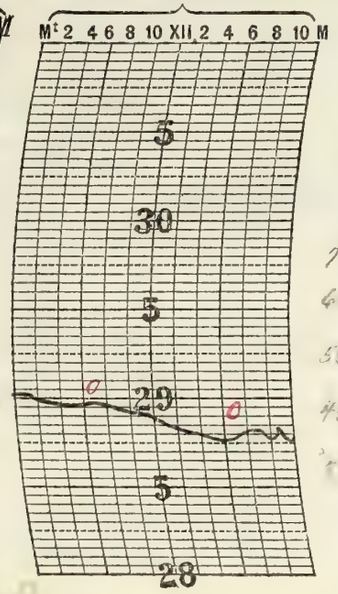
Reduced barometer, 29.91 a. m., 29.70 p. m.

River gage, [illegible]

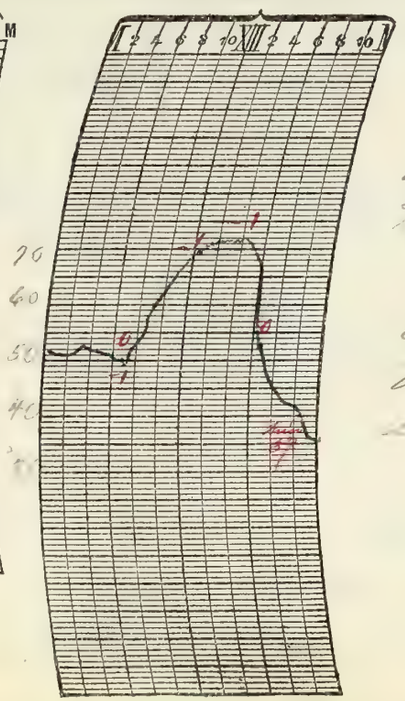
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A beautiful clear day and the warmest day of the year to date.

1 hundredth; first thunder at 7:40 pm, last heard at 8:00 pm; the storm moved from west to east.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 27 1917, 191

Time (local standard), 75 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	34	34	34	32	27	31	32	38
State of weather: Nature of precipitation and time of beginning and ending		✓	S 6 DNA	S 6 DNA		S 6 6:45	S 6 6:50	S 6 7:10	S 6 8:15			
Amounts of precipitation			—	—		—	—	—	—			
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)						0	0	0	0.2	0.2	0.7	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	W
Wind movement	12	14	12		13	12	22	21	20	24	22	22
Maximum velocities (exceeding 22 miles) direction and time										W 9:31		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	39	38	37	32	33	33	33	34	34	34
State of weather: Nature of precipitation and time of beginning and ending	S 2 12:15		S 4 2:15		4:10		S 6 6:10	✓				
Amounts of precipitation	—	—	—		—	—	—					
Cloudiness and other conditions			Cloudy			×		Clearing				
Sunshine (in tenths of hours)	0.7	0.7	0.5	0.8	0.1	0				✓		
Wind direction	SW	SW	W	W	SW	W	W	W	SW	SW	SW	W
Wind movement	24	22	21	21	23	18			16	14	13	
Maximum velocities (exceeding 22 miles) direction and time	30 SW 12:10	30 W 1:40	30 W 2:50	27 W 3:16								

Sunrise: Time, 5:41; Character, Clearing

Sunset: Time, 6:24; Character, ____

Maximum.	Minimum.	Mean.	Normal.
40	31	34	✓

Total depth of snow for 24 hours ending 7 p. m., 0.0 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0.0 inches.

Precipitation to 7 a. m., .12 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy — Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 40

Prevailing direction, W

Total movement, ____

Average hourly velocity, 11

Maximum velocity,	Direction,	Time.
31	W	Began 9:31 a.m.

Extreme velocity, 31 W 9:31 a.m.

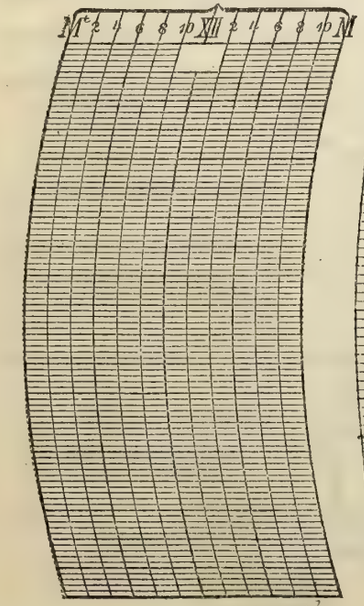
Relative humidity, 7 a. m., 92; 12 m., 67; 7 p. m., 92

Reduced barometer, 29.25 a. m., 29.02 p. m.

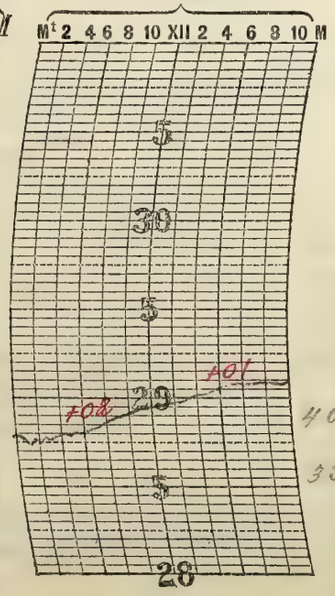
River gage, 8.0 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

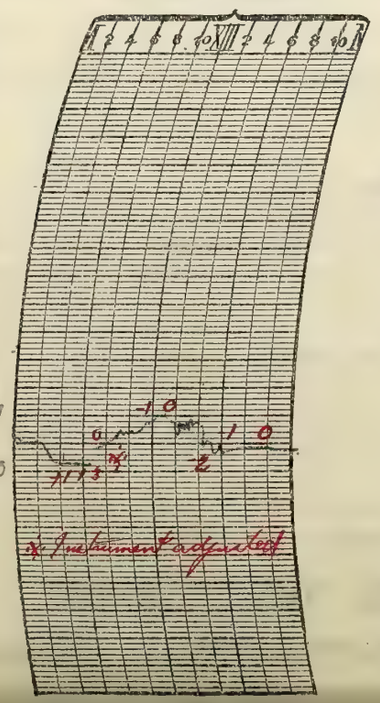
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A miserable day with northerly winds and snow flurries the greater portion of the day

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 28 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	33	33	32	31	31	31	37	42	46	49	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											Hazy
Sunrise: Time, Character,	5:32 Clear											
Sunshine (in tenths of hours)						.48 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	W	SW	SW	SW	SW	W	S	S
Wind movement	11	12	16	1	10	15	22		14	16	20	28
Maximum velocities (exceeding ____ miles) direction and time												37 SW

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	54	56	55	55	54	50	54 RB 9:15	49	46	44	42 RE 11:00
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								T	T	T	T	T
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character,									6:22 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	30	28	24	22	24	25	19	22	22	22	22	22
Maximum velocities (exceeding ____ miles) direction and time	33 SW	35 SW	34 SW	31 SW					37 W	38 W	40 SW	37 SW

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	28	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., ____ inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 11.1

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 90

Prevailing direction, SW

Total movement, 415

Average hourly velocity, 20.0

Maximum velocity, 40 Direction, W Began 10:01 pm

Extreme velocity, 46 — W — 10:02

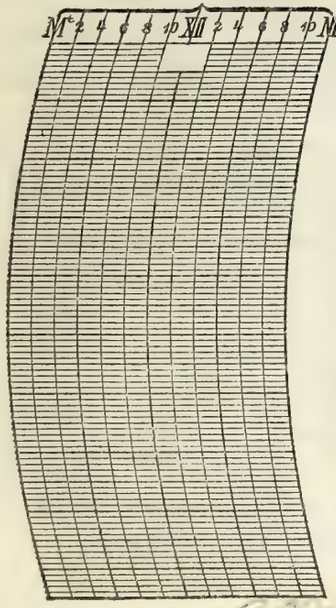
Relative humidity, 7 a. m., 88; 12 p. m., 60; 7 p. m., 45

Reduced barometer, 29.08 a. m., 28.95 p. m.

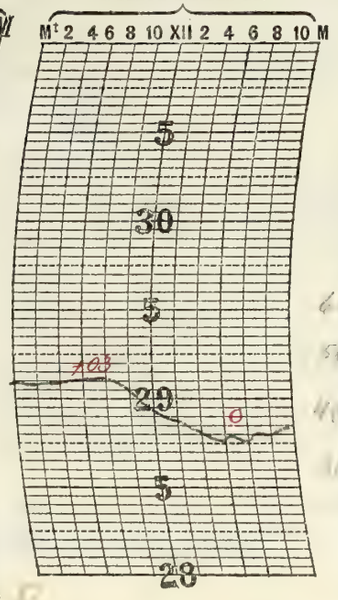
River gage, 0

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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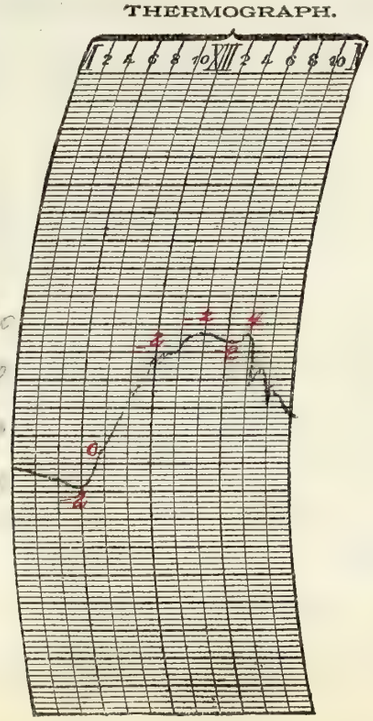


NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—McU'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 29 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	37	36	35	35	35	35	37	37	38	40	41	41	40	40	41	41	39	37	36	35	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear				Hazy									Hazy							
Sunshine (in tenths of hours)						0	0.4	0.6	0.6	0.1	0.1	0	0.2	0.5	0	0	0.1	0.4						
Wind direction	SW	SW	SW	W	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement																								
Maximum velocities (exceeding 5 miles) direction and time									W 8															

Sunrise: Time, 5:29; Character, Clear

Sunset: Time, 6:09; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	34	38.5	

Total depth of snow for 24 hours ending 1 p. m., T inches.

Snow on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Partly Cloudy Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 3.0

Possible sunshine, hours, 12

Percentage of possible sunshine, 25

Prevailing direction, W

Total movement, ____

Average hourly velocity, ____

Maximum velocity, 30 Direction, W Time. Began 8:45

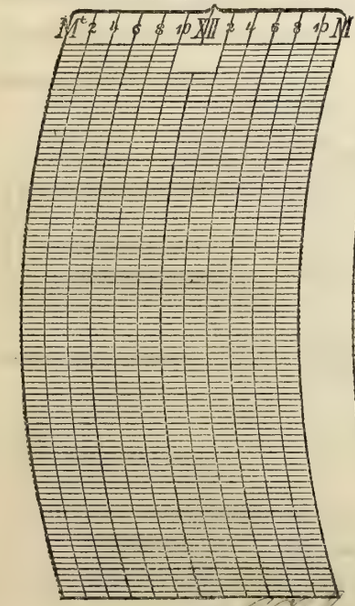
Extreme velocity, 34 W

Relative humidity, 7 a. m., 75; 12 m., 65; 7 p. m., 80

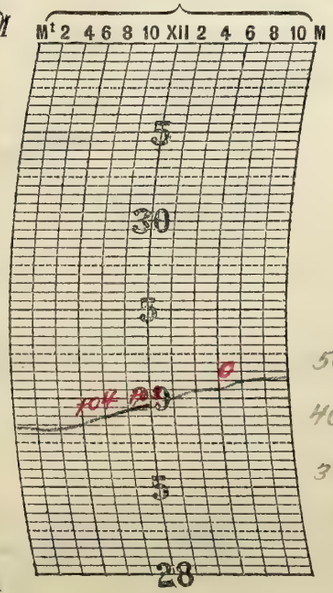
Reduced barometer, 29.04 a. m. ____ p. m.

River gage, 0.5 feet

THERMOGRAPH.



BAROGRAPH.



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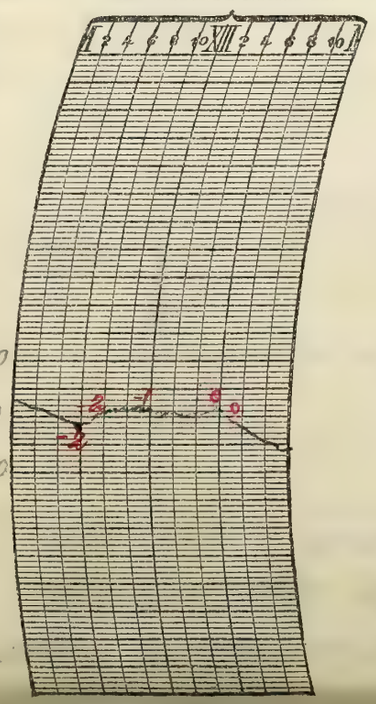


NOTES.

Prepared by Ellis
Verified by McA.

8—486

Form No. 1014—McU'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 30 1917, 191

Time (local standard), 75th mer. — hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	32	31	30	35	38	42	43	46	[illegible]	54	57	57	57	58	[illegible]	[illegible]	53	52	52	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear					Hazy				Clear									Partly Cloudy					
Sunrise: Time, 5:28; Character, Clear																					Sunset: Time, 6:03; Character, Cloudy			
Sunshine (in tenths of hours)						.53 0	0.4 0.6	1.0	1.0	0.4			1.0	1.0	1.0	0.3								
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S		SE	SE	SE	SE	SE	SE	S	S
Wind movement	8	10	7	5	3	4	3	4	4	4	4		9	11	10	1	9	9	9		11	10	1	1
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
58	30	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., — ins.; to — p. m., — ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase, First Qu. 4:36 am

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 7.4

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 56

Prevailing direction, S + SW

Total movement, 82

Average hourly velocity, 7.1

Maximum velocity, 15 Direction, S Time. Began 2:08 pm

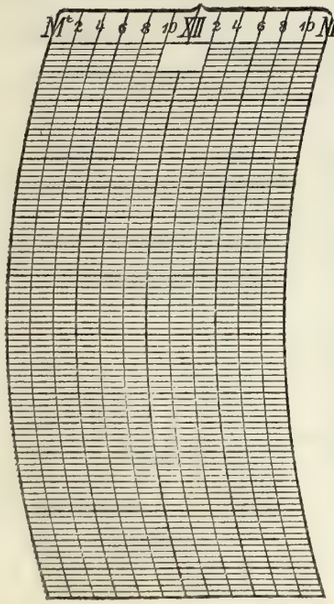
Extreme velocity, 15 — S — 2:08 pm

Relative humidity, 7 a. m., —; — p. m., —; — p. m., —

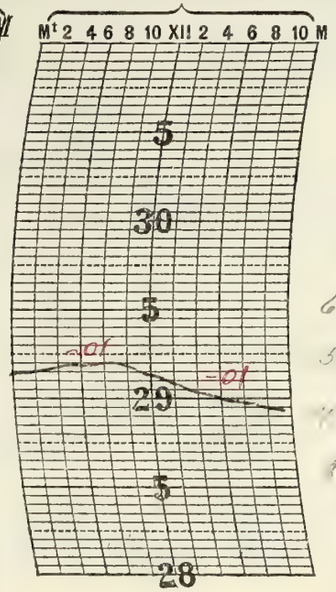
Reduced barometer, 29.13 a. m. 29.93 p. m.

River gage, 7.1

THERMOGRAPH.



BAROGRAPH.



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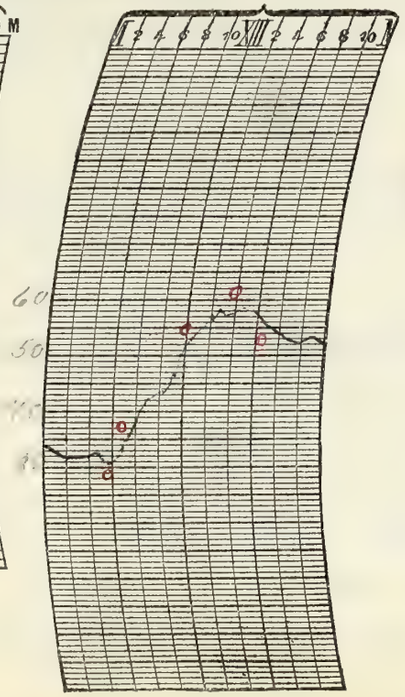


NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 31 1917, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	5[illegible]	60	5[illegible]		[illegible]	0	5[illegible]	62	5[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending										RB 9:10	RE 10:03 HHB 10:03 RHG 10:05	
Amounts of precipitation										—	—	
Cloudiness and other conditions	1	—	—	Clear		—	x-M Cloudy				Cloudy	
Sunrise: Time, Character,	5:26 Clear					.57	0.6					
Sunshine (in tenths of hours)		1				0	0.7	1.0	0.6	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	SW	[illegible]	[illegible]
Wind movement	0	10	11	0	13	14	12	20	25	10	0	0
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	[illegible]	5[illegible]	5[illegible]	[illegible]	—	1[illegible]	5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	RB 12:10 RE 12:25								RB 8:45			
Amounts of precipitation	—								—	—	—	—
Cloudiness and other conditions							Cloudy					
Sunset: Time, Character,									6:04 Cloudy			
Sunshine (in tenths of hours)	0	0.2	0.2	0	0	0	0		1			1
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	S
Wind movement	14	14	13	11	14	20	20	10	27	15	11	0
Maximum velocities (exceeding 29 miles) direction and time									27 SW 8:45			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	50	5[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.1

Possible sunshine, hours,

Percentage of possible sunshine, 2[illegible]

Prevailing direction,

Total movement,

Average hourly velocity,

Maximum velocity, 42 Direction, SW Began 8:45 pm

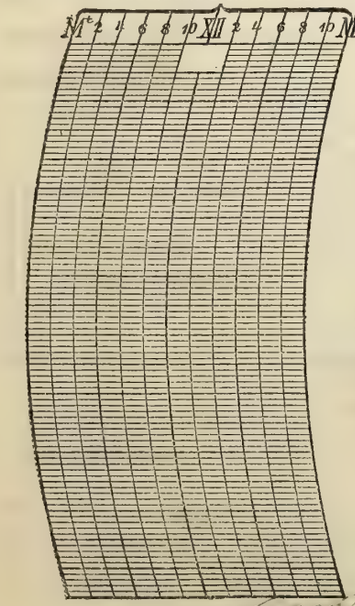
Extreme velocity, 44 — SW — 8

Relative humidity, 7 a. m., ; p. m., ; p. m.,

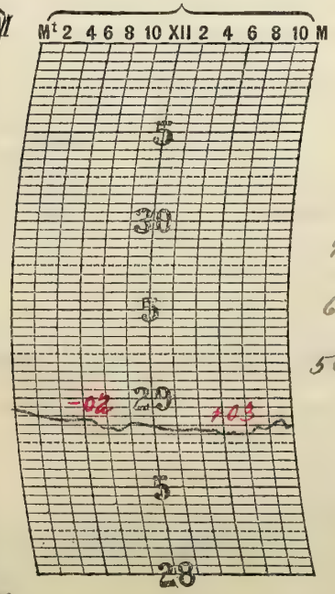
Reduced barometer, 29.76 a. m., 29.75 p. m.

River gage, 6.4 ft.

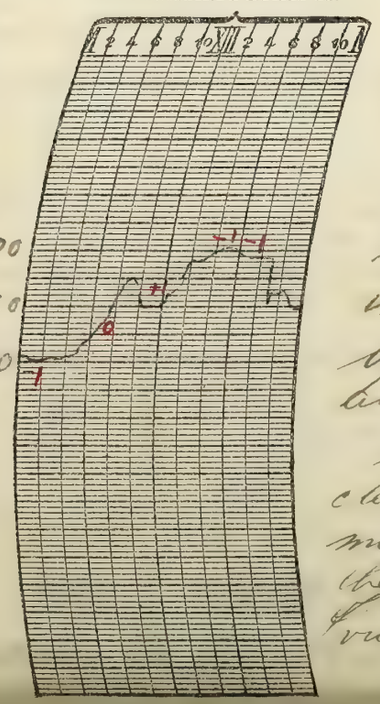
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

x RB - 10:08 am; RE - 10:35 am. Thunder: First thunder heard at 9.50 pm; last heard at 11:00 pm. Storm came from the southwest.

Thunderstorm: — First thunder heard at 9:56 am; last heard at 10:45 am. The storm moved from west to east and was accompanied by considerable rain and a small amount of hail about the size of [illegible]

The day which opened as a typical clear spring day, became cloudy in the morning which state continued throughout the day and night with slight [illegible] The rain during the early evening was the violent gust of wind from the west.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR - 1 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	50	[illegible]	48	48	48	48	48	49	50	52	54	56	57	59	59	58	58	58	57	56	49	48	46
							RE 6:10 RB 6:55															RE 9:30		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, 5:24 Character, Cloudy																					Sunset: Time, 6:06 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	SW	NW	NW	NW	NW	NE	NE	NE	NE	NE	E	NE	NE	SW	S	S	S	S	SW	SW	SW	NW	NW	N
Wind movement	14	7	8	[illegible]	[illegible]	3	3	4	1	6	4	3	1	3	6	5	7	7	8	8	5	8	6	7
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .50 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .70 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 0

Prevailing direction, NW

Total movement, 147

Average hourly velocity, 6.0

Maximum velocity,	Direction,	Time.
17	SW	Began 12:38 am

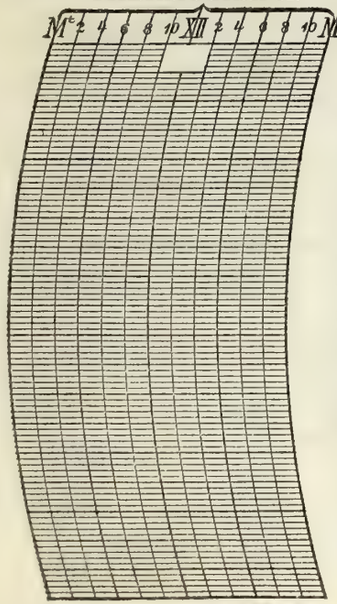
Extreme velocity, 18 — SW — 12:38 am

Relative humidity, 7 a. m., 93; 12 N., 94; 7 p. m., 97

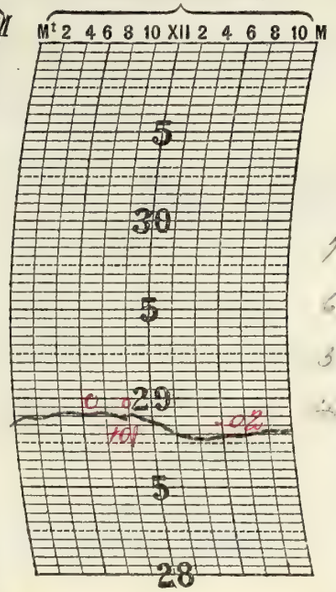
Reduced barometer, 29.84 a. m. 29.68 p. m.

River gage, 17.2

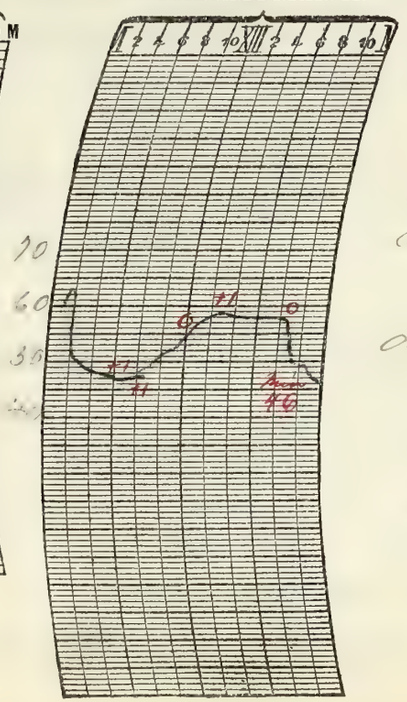
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Ø Estimated;
* For explanations and readings see above March 31, 1917.

A dark, gloomy and miserable day marked by a practically continuous rain.

The Maumee River rose rapidly due to the heavy rainfall.

A flood warning was issued at 620 pm. A stage of 17.4 feet was predicted by Tuesday morning.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR - 2 1917, 191

Time (local standard), 75th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	41	40	39	37	37	[illegible]	36	36	35 RB 9:40	36	[illegible] RE 11:55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation										—	—	—
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 5:23; Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	[illegible]	12	12	13	11	13	15	14	14	16	[illegible]
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	42	42	43	41	40	[illegible]	35	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunset: Time, 6:09; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W
Wind movement	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0	[illegible]	[illegible]	[illegible]
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

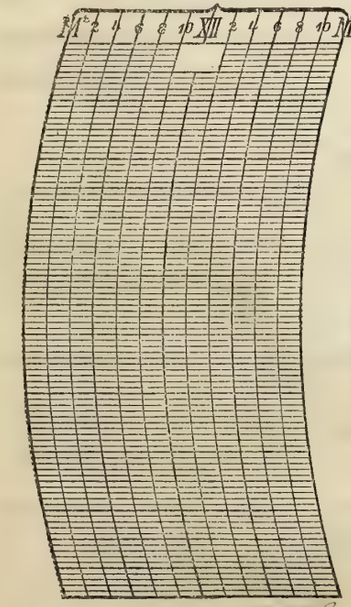
	Maximum.	Minimum.	Mean.	Normal.
	46	33	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .24 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, ✓
Average daily cloudiness (0–10), 8 ✓
Actual sunshine, hours, 5.8 ✓
Possible sunshine, hours, 12.7 ✓
Percentage of possible sunshine, 46 ✓
Prevailing direction, NW ✓
Total movement, [illegible] ✓
Average hourly velocity, 12.5 ✓

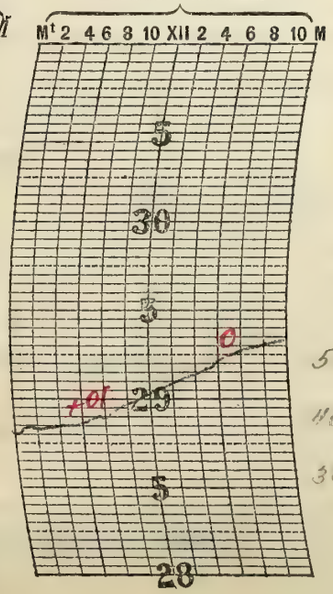
Maximum velocity,	Direction,	Time.
24	NW	Began 11:10 a.m. ✓

Extreme velocity, 25 — NW — 11:35 a.m. ✓
Relative humidity, 7 a. m., 83; 12 p. m., 74; 7 p. m., 55 ✓
Reduced barometer, 29.81 a. m. ✓ 30.20 p. m. ✓
River gage, 15.9 ft.

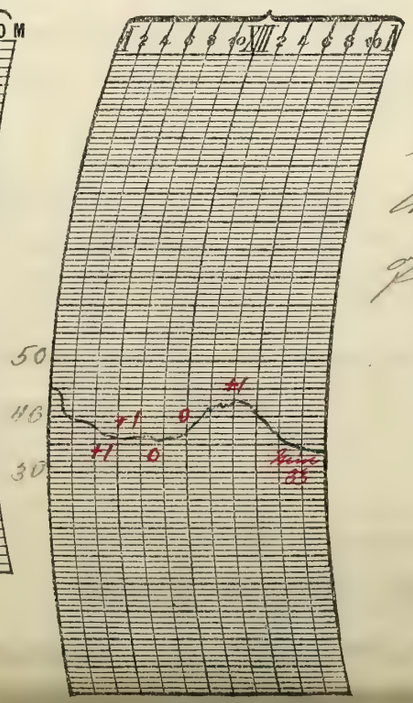
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The river rose a great deal since yesterday and continued throughout the day with a rise of 12.1 ft. recorded at 5 p.m.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR - 3 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	30	30	31	37	40	45	47	49	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 5:2[illegible]; Character, Clear												
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	SW	S	S	S	S	S	S	S	S
Wind movement	3	5	6	6	7	7	8	9	10	9	11	10
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	53	54	52	52	51	[illegible]	47	46	45	45	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear					x	Partly Cloudy		x	Clear		
Sunset: Time, 6:08; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	S	S	S	SE	SE	SE	E	E	E	E	E	E
Wind movement	12	9	8	7	7	5	3	4	4	5	5	5
Maximum velocities (exceeding ___ miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	30	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ✓

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 12.2

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 95

Prevailing direction, S

Total movement, 165

Average hourly velocity, 6.9

Maximum velocity, 15 Direction, S Time. Began 12 noon

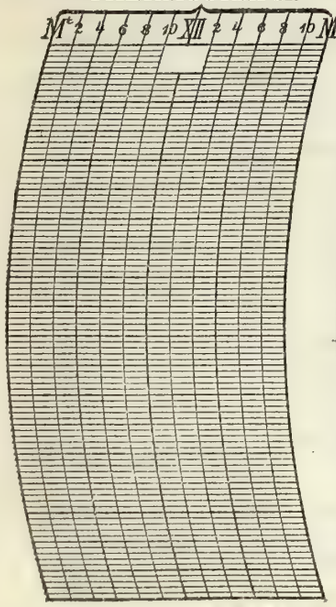
Extreme velocity, 15 — S — 12:40 p.m.

Relative humidity, 7 a. m., [illegible]; 12 p. m., [illegible]; [illegible] p. m., [illegible]

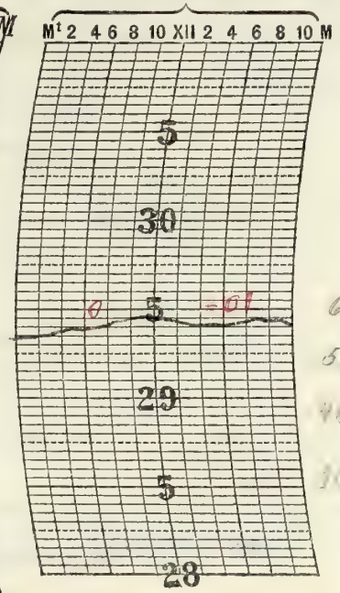
Reduced barometer, [illegible] a. m., [illegible] p. m.

River gage, 12.5 ft

THERMOGRAPH.



BAROGRAPH.



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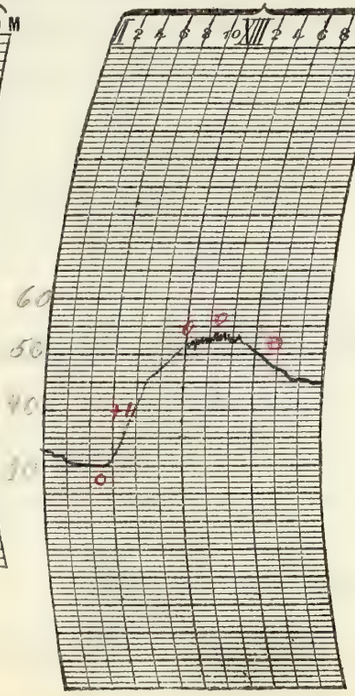


NOTES.

Tipping bucket rain gage placed in position on roof at 1:30 p.m.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR - 4 1917, 191

Time (local standard), 75th mer. — hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	40	40	40		44	47	50	53	55	60	60	60	59	57	56	55	54	51	50	52	
State of weather: Nature of precipitation and time of beginning and ending																				0:10		9:15	10:30	
Amounts of precipitation																				.02	.02	.1	.03	.45
Cloudiness and other conditions	x		Cloudy					x	Cloudy				x			Cloudy							
Sunshine (in tenths of hours)		1		1		0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0			1		
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE		E	E	SE		E	E	
Wind movement	5	7	8	8	8	9	10	13	11	9	10	8	10	12	12	11	9	5	6	6	6	8	8	7

Sunrise: Time, 5:19; Character, Cloudy

Sunset: Time, 6:09; Character, Cloudy

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	55			

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground ____ p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 8.1

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 64

Prevailing direction, E

Total movement, 206

Average hourly velocity, ____

Maximum velocity, 15 Direction, SE Time. Began 8:00pm

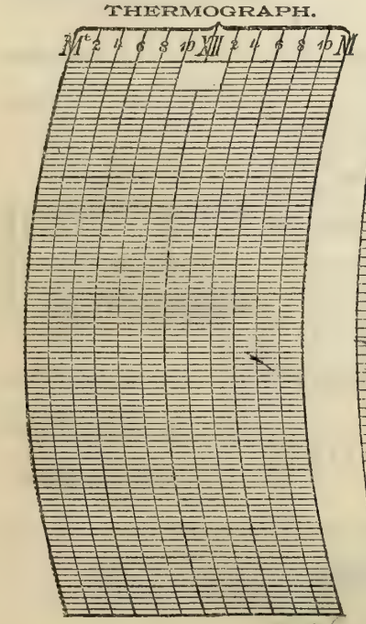
Extreme velocity, 16 SE 8:15pm

Relative humidity, 7 a. m., 60; 2 p. m., 45; ____ p. m., ____

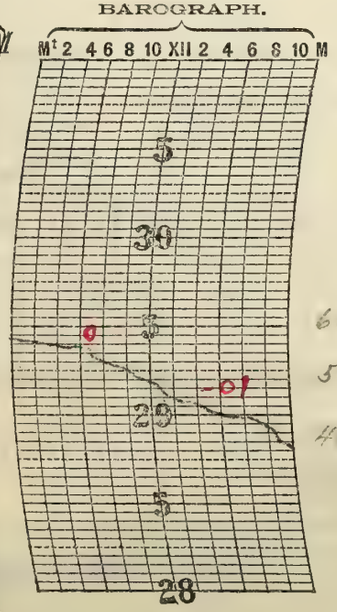
Reduced barometer, 30.25 a. m., 29.91 p. m.

River gage, ____

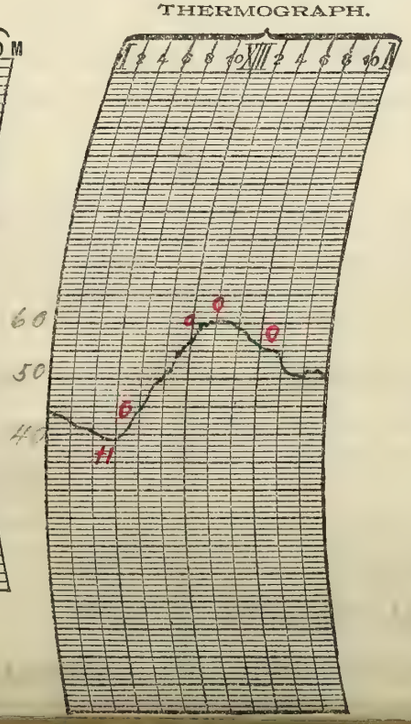
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR - 5 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	50	50	49	49	49	49	50	49	49	49	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	07	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64	05	[illegible]
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5:17 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E		SE	SE	SE	SE	SE	SE	E	E	E	E
Wind movement	6	6	5	4	8	7	7	6	11	5	5	5
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	46	43	39	37	36	[illegible]	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending										RE 9:15		
Amounts of precipitation	07	08	05	02	01	T	01	T	T	T		
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6:10 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	10	10	12	22	23	25	27	27	27	26	25
Maximum velocities (exceeding 24 miles) direction and time							35 NW 6:42	34 NW 7:42	34 NW 8:35	34 NW 9:37	34 NW 10:42	34 NW 11:36

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .64 ins.; to 7 p. m., ____ ins.

Total precipitation, midnight to midnight, .64 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 0

Prevailing direction, NW

Total movement, 302

Average hourly velocity, 13

Maximum velocity,	Direction,	Time.
34	NW	Began 8:37 a

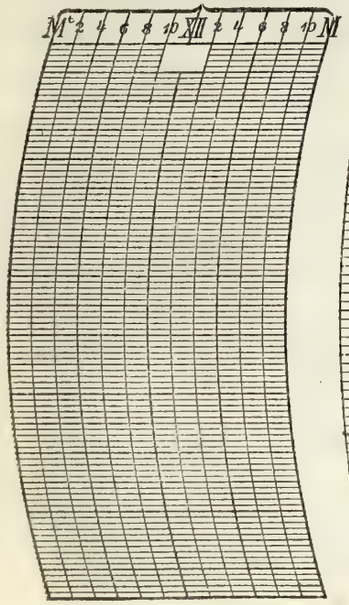
Extreme velocity, 37 — NW — 9:37 pm

Relative humidity, 7 a. m., 96; 10 p. m., ____; ____ p. m., ____

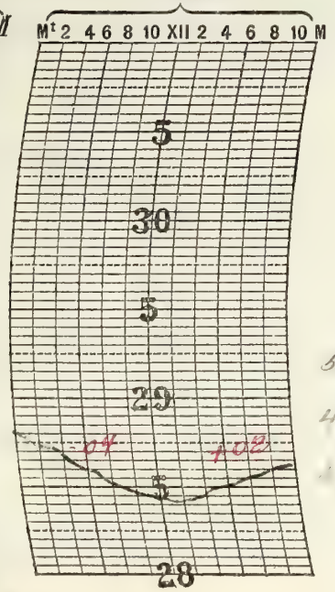
Reduced barometer, 29.45 a. m. 29.26 p. m.

River gage, 14.5 ft.

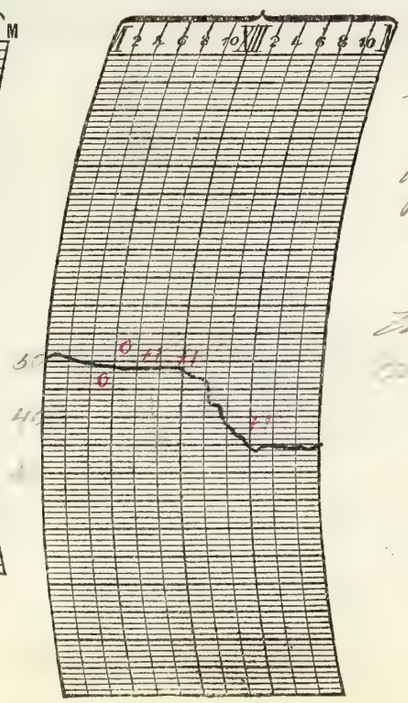
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Flood warning is issued at 12 noon. A stage of 19.6 feet forecast for Saturday afternoon. Interested persons advised by telephone, and the information given to the newspapers.

A dark gloomy day with rain that continued from the previous date.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR - 6 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	36	35	35	35		35	37	37	38		41	41	44	44	43	40						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					T	T	T																	
Cloudiness and other conditions	Cloudy												Cloudy											
Sunshine (in tenths of hours)		1		1		0	0	0	0	0	0	0.8	0.7	1.0	0.3	1.0	1.0	0.6	0					
Wind direction	NW	NW	NW	NW	NW			NW	NW		W	W	W	W		W								
Wind movement	21	25			22	2			22	22	21	22	22	21										
Maximum velocities (exceeding ____ miles) direction and time	31 NW		30		30					30														

Sunrise: Time, ____ Character, ____

Sunset: Time, ____ Character, ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 6.6

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 44.7

Prevailing direction, NW

Total movement, ____

Average hourly velocity, ____

Maximum velocity, 31 Direction, NW Time. Began 12:28 p.

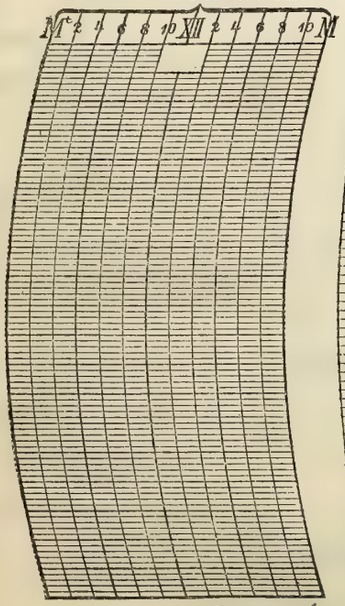
Extreme velocity, 31 NW 12:28 p.

Relative humidity, 7 a. m., 86; 12 m., 75; 7 p. m., ____

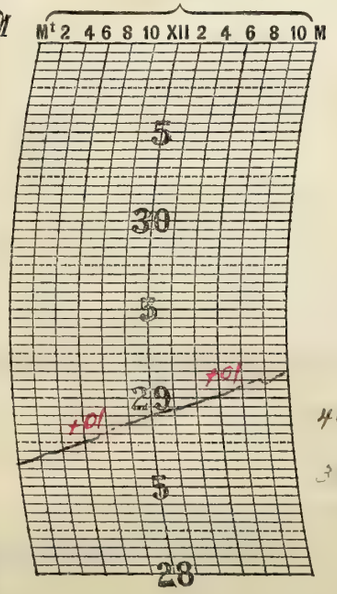
Reduced barometer, 29.74 a. m., 29.90 p. m.

River gage, ____

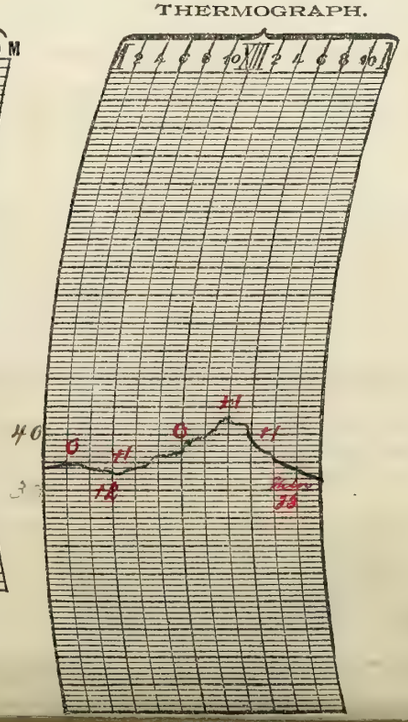
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by A. C. S.
Verified by P. M. L.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR - 7 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	31	30	30	29	30	[illegible]	33	37	39	41	[illegible]	43	43	43	43	42	41	40	40	39	38	35	35
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear							Hazy			Cloudy							Cloudy						
Sunshine (in tenths of hours)	.57					0.2	1.0	1.0	1.0	1.0	[illegible]	[illegible]	1.0	0.8	0	0.2	[illegible]	[illegible]	[illegible]					
Wind direction	NW	NW	NW	NW	NW	[illegible]	N	N	N	NE	NE	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	NE
Wind movement	8	5	5	5	5	5	9	10	9	8	6	9	9	9	9	10	11	11	10	9	12	12	14	13
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 5 Character, Clear

Sunset: Time, 5:30 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase, [illegible]

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 8.8

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 65

Prevailing direction, NE

Total movement, 205

Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time.
16	NE	Began 10:25 pm

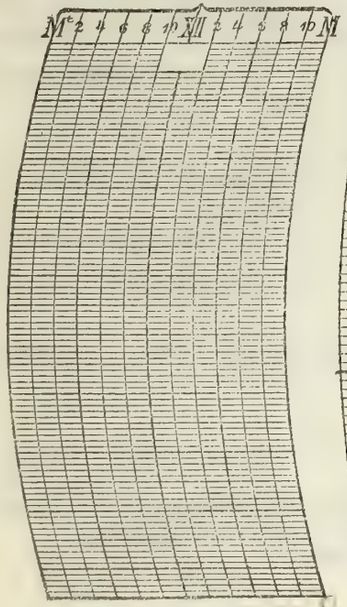
Extreme velocity, 18 NE 10:25 pm

Relative humidity, 7 a. m., 62; 7 p. m., 70; [illegible] p. m., [illegible]

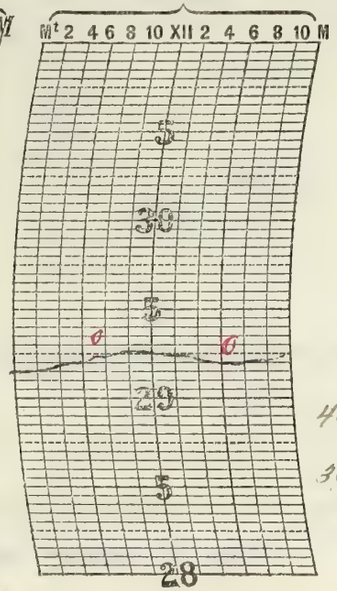
Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, 18.5 ft.

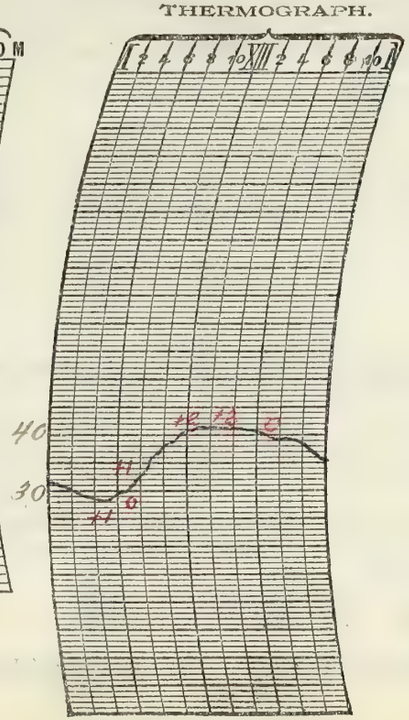
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR - 8 1917, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	33	32	32	32	32	32	32	32	33	34	38	38	39	38	37	36	35	33	31	30	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												Cloudy						Partly Cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	1.0	0.5	0.4	0	0.2	0.1	0	0					
Wind direction	NE	NE	NE	NE	NE	N	N	N	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N
Wind movement	12	15	16	17	16	19	22	21	20	22	23	21	23	23	24	22	21	16	12	12	12	9	7	6
Maximum velocities (exceeding 29 miles) direction and time										35 NE 9:52			30 NE 12:11											

Sunrise: Time, 5:13; Character, Clear

Sunset: Time, 6:23; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	27	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 2.8

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 22

Prevailing direction, NE

Total movement, 413

Average hourly velocity, 17.2

Maximum velocity, 30 Direction, NE Time. Began 12:11 pm

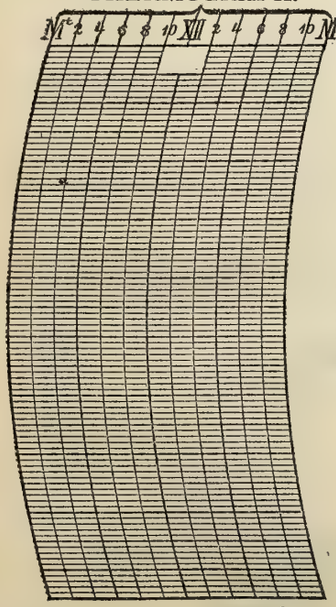
Extreme velocity, 34 NE 17

Relative humidity, 7 a. m., 85; 12 M., 73; p. m., 61

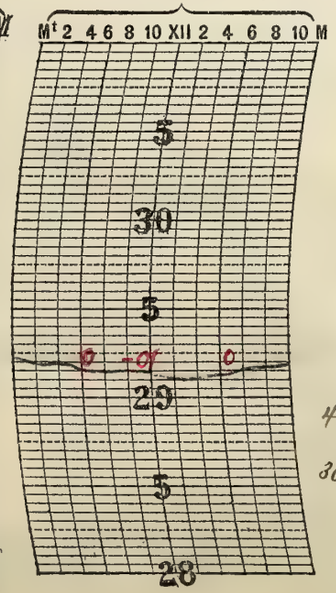
Reduced barometer, 30.10 a. m. 30.09 p. m.

River gage, 12.6

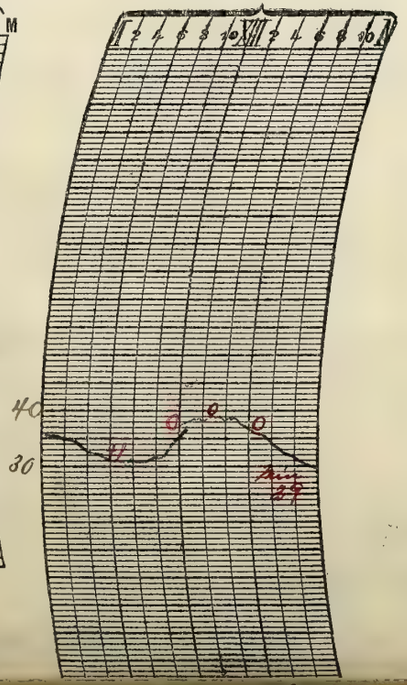
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by EAS

Verified by PMC

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR - 9 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	28	27	26	25	27	29	32	33	36	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, 5:11; Character, Clear												
Sunshine (in tenths of hours)						.82 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	5	3	5	3	5	7	8	10	12	11	11
Maximum velocities (exceeding 27 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	41	43	42	41	38	37	34	32	31	31	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, 6:14; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5 0.5	0	0					
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	12	12	12	12	12	13	9	7	7	5	4	3
Maximum velocities (exceeding 27 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

7 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 12.3

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 95

Prevailing direction, NW

Total movement, 195

Average hourly velocity, 8.0

Maximum velocity, 15 Direction, W Time. Began 5:04 pm

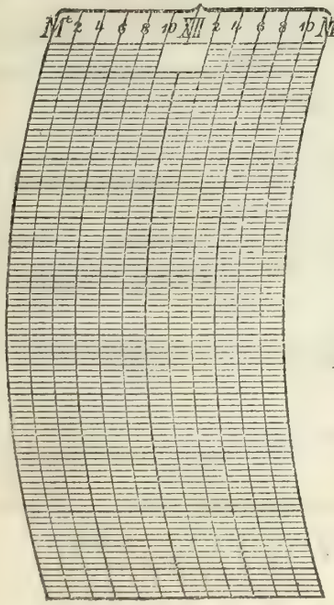
Extreme velocity, 16 W 5:07 pm

Relative humidity, 7 a. m., 82; 12 N., 66; 7 p. m., 41

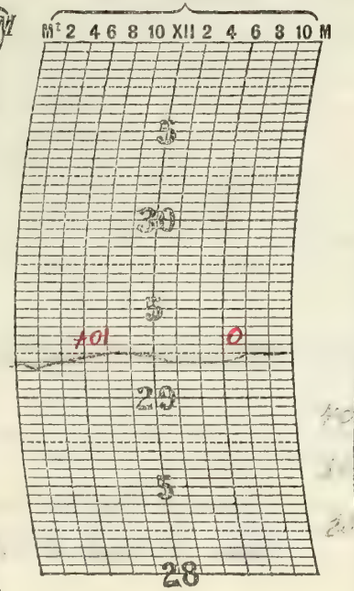
Reduced barometer, 30.12 a. m. / p. m.

River gage, 14.5

THERMOGRAPH.



BAROGRAPH.



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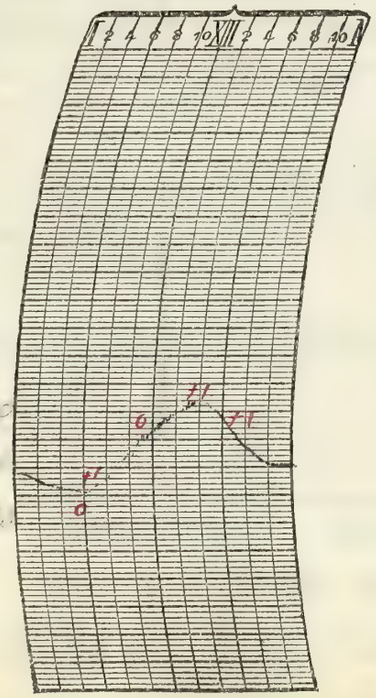


NOTES.

Although somewhat cool the day was clear and the sunshine pleasant

Prepared by C. A. S.

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 10 1917, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	30	30	30	30	31	37	40	42	46	[illegible]
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character,	5:09 Clear											
Sunshine (in tenths of hours)						.85 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	SE	E	SE	SE	SE
Wind movement	4	3	1	3	1	1	3	3	6	8	8	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	52	54	55	54	53	[illegible]	49	47	45	43	43
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character,									6:15 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	1.0							
Wind direction	S	S	S	S	S	S	S	SE	SE	SE	SE	[illegible]
Wind movement	12	11	12	12	12	11	7	7	7	10	9	12

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	28	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to [illegible] p. m., [illegible] ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, [illegible]

Average daily cloudiness (0–10), Fair

Actual sunshine, hours, 11.8

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 90

Prevailing direction, SE

Total movement, 172

Average hourly velocity, 7.2

Maximum velocity, 14 Direction, SE Time. Began 4:16 p.m.

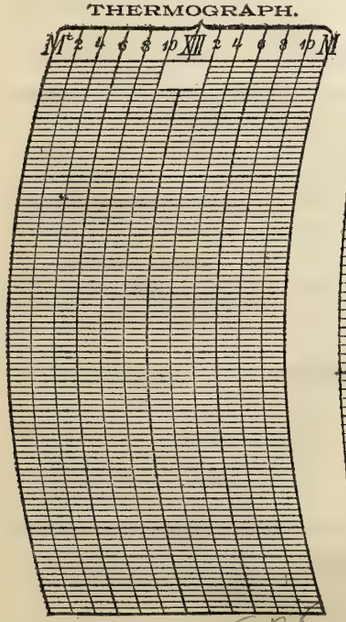
Extreme velocity, 15 SE [illegible]

Relative humidity, 7 a. m., 68; 12 m., 31; 7 p. m., 38

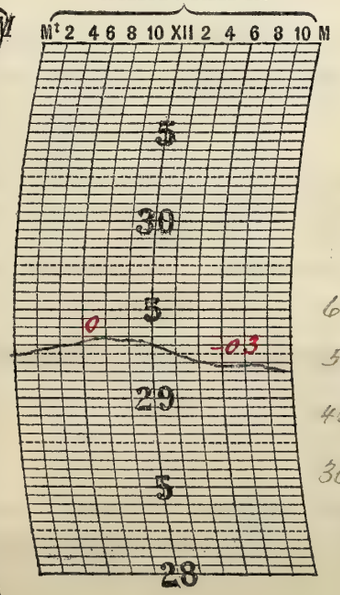
Reduced barometer, 30.29 a. m. 30.07 p. m.

River gage, 12.4 [illegible]

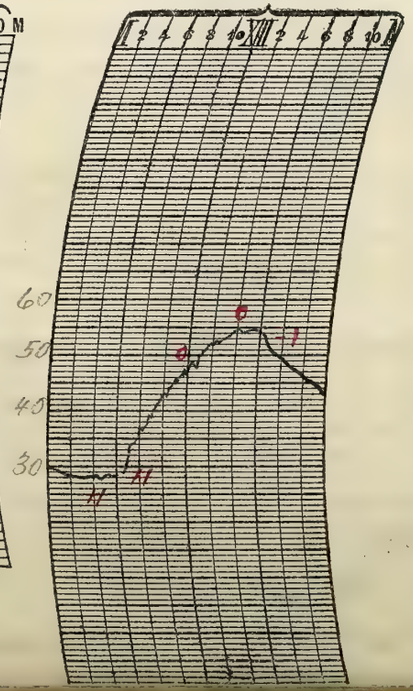
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A clear, pleasant spring day with moderate temperature

Prepared by [illegible]

Verified by P.M.S.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 11 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	40	41	42	45	53	57	61	65	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear								×	Partly Cloudy		
Sunrise: Time, 5:08 Character, Clear												
Sunshine (in tenths of hours)						0	0	0.1	0.8	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	10	0	5	8	11	12	14	16	19	20	18	20
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	66	65	64	[illegible]	59	59	58	56	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×				Cloudy			×	Partly Cloudy	×	Clear	
Sunset: Time, 6:16 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.5	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	20	24	22	24	20	15	13	12	11	11	8	11
Maximum velocities (exceeding 22 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	40	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 9.2

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 70

Prevailing direction, SW

Total movement, 351

Average hourly velocity, 14.6

Maximum velocity,	Direction,	Time.
22	SW	Began 3:14 pm

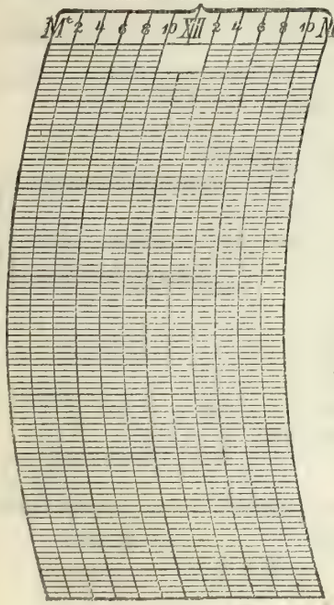
Extreme velocity, 22 SW 3:14 pm

Relative humidity, 7 a. m., [illegible]; [illegible] p. m., [illegible]; p. m.,

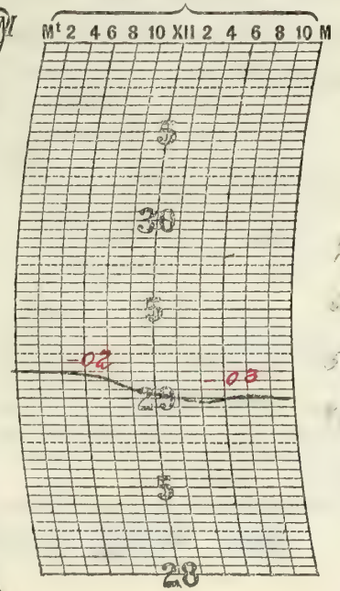
Reduced barometer, 30.02 a. m. [illegible] p. m.

River gage, 10.2

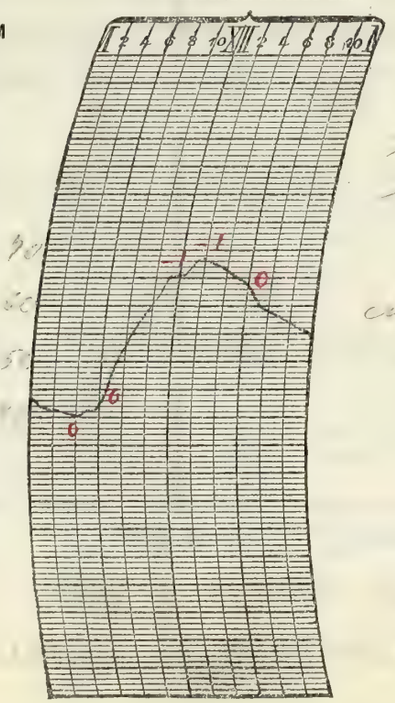
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A rather warm and very pleasant day with bright sunshine in the forenoon. A faint solar halo was [illegible] at 8:35 pm

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 12 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	50	49	48	45	44	44	46	50	51	52	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 5:06 Character, Clear												
Sunshine (in tenths of hours)						.90	1.0	0.7				
						0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	W	SW	SW		NW	NW	NW	NW	NW	NW	NW	
Wind movement	9	9			15	16	7		11	13		14
Maximum velocities (exceeding 28 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	53	51	46	43	41	39	38	36	34	32	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 6:17 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7							
Wind direction	NW	NW	NW	NW	NW	NW	NW		NW	NW	N	
Wind movement	14	14			12	12	5		6	11	12	

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	31	42	

Total depth of snow for 24 hours ending 1 p. m., 0 inches.

Snow on ground 1 p. m., 0 inches.

Total snowfall, midnight to midnight, 1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 11.8

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 89

Prevailing direction, NW

Total movement, 256

Average hourly velocity, 11.1

Maximum velocity, 20 Direction, NW Time. Began 9:52 p.m.

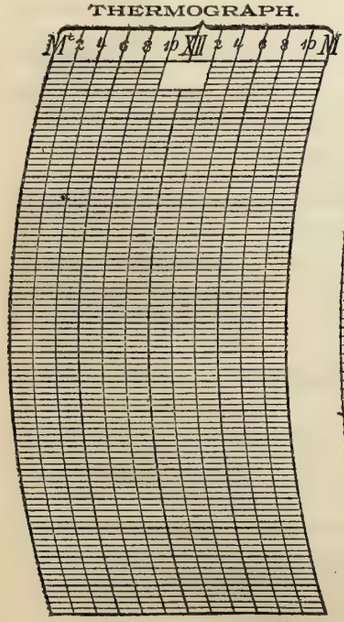
Extreme velocity, 21 NW, 8:52 p.m.

Relative humidity, 7 a. m., 85; 7 p. m., ; p. m.,

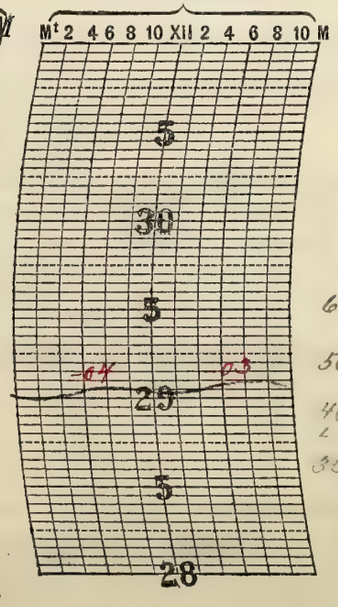
Reduced barometer, 29.83 a. m. 29.87 p. m.

River gage, 8.0 ft.

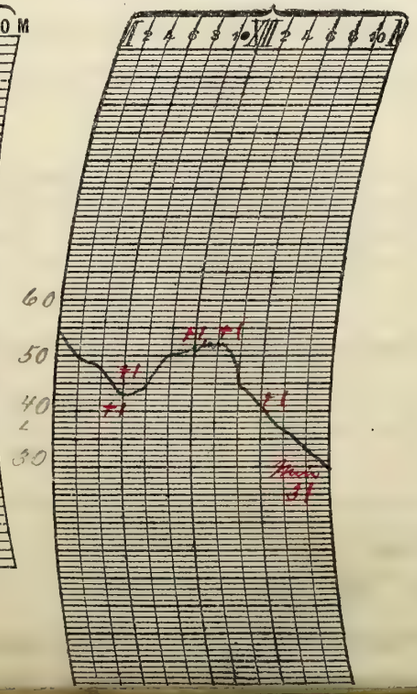
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by C.W.S.

Verified by P.M.S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 13 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	27	26	24	25	26	28	29	33	35	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						.92 0	0.6 0.4	0.8	0.8	0.8	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	9	11	10	8	10	12	15	12	12	12	11
Maximum velocities (exceeding 20 miles) direction and time												

Sunrise: Time, 5:05; Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	41	41	41	38	35	[illegible]	30	28	27	26	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	.30 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	12	13	14	13	14	13	12	12	10	9	6
Maximum velocities (exceeding 20 miles) direction and time												

Sunset: Time, 6:18; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	24	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 12.6

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 95

Prevailing direction, NW

Total movement, 266

Average hourly velocity, 11.1

Maximum velocity,	Direction,	Time.
16	NW	Began 6:06 pm

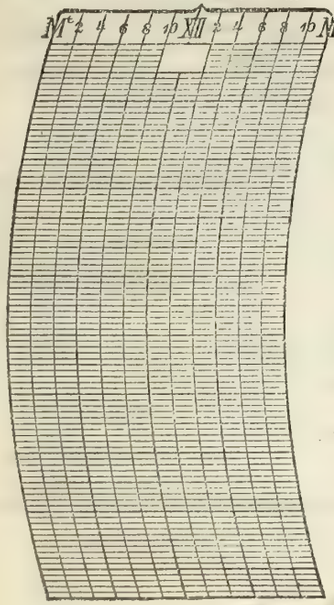
Extreme velocity, 16 NW 6:06 pm

Relative humidity, 7 a. m., 80; 12 m., 56; 7 p. m., [illegible]

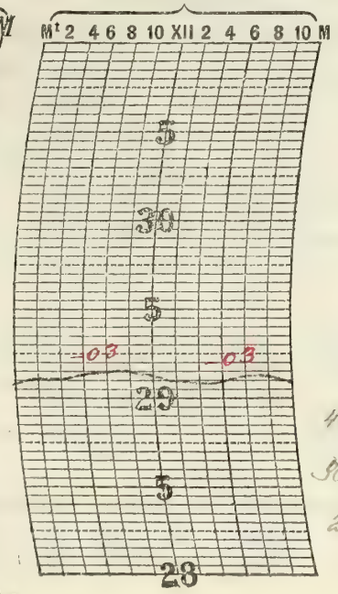
Reduced barometer, 30.05 a. m., 30.00 p. m.

River gage, 6.6

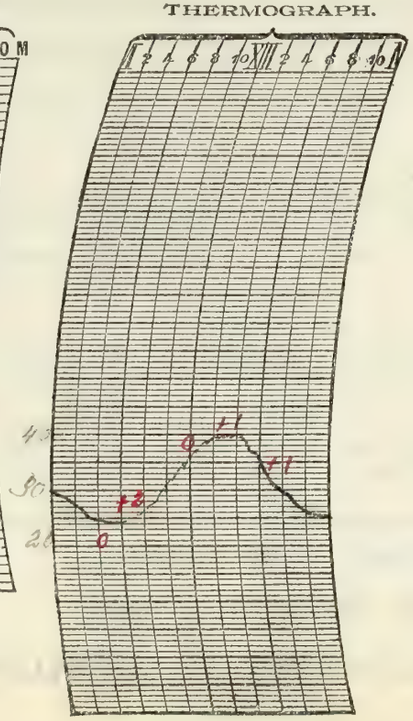
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Although the temperature was rather low the day was clear with an abundance of sunshine.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 14 1917, 191

Time (local standard), ____ mer. ____ hours slower than 75th meridian time.

Time	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	24	23	24		28	33	3[illegible]	3[illegible]	3[illegible]	36	36	36	3[illegible]	3[illegible]	3[illegible]	3[illegible]	34 8:13 7:45	34	34	34	3[illegible] SAE 11:15
Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				T	T	T	T	T
Cloudiness and other conditions			Clear					×Cloudy×			Cloudy						Cloudy							?
Sunshine (in tenths of hours)						.95 0	0.9 0.1	0.9	0.4	0.2	0	0	0.1	0	0	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	W	W	W	NW	N	NE	NE	N	NE	SE
Wind movement	5	5	8	7	8	8	12	11	11	16	13	13	14	11	10	9	7	4	4	4	5	3	1	4
Maximum velocities (exceeding 20 miles) direction and time																								

State of weather.

Sunrise: Time, 5:03; Character, Clear

Sunset: Time, 6:19; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	37	23	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, LAST QUARTER

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.6

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 27

Prevailing direction, NW

Total movement, 175

Average hourly velocity, 8.7

Maximum velocity,	Direction,	Time.
18	NW	Began 9:43 a.m.

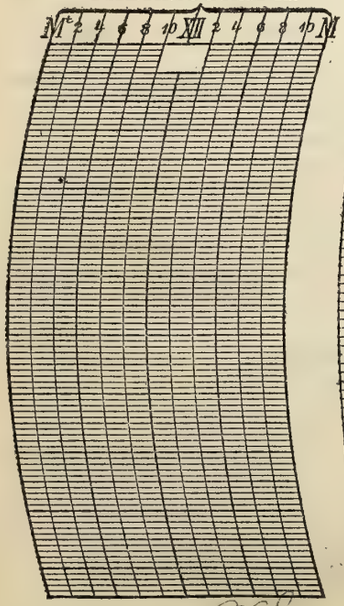
Extreme velocity, 18 — NW — 9:43 a.m.

Relative humidity, ____ a. m., ____; ____ p. m., ____; ____ p. m., ____

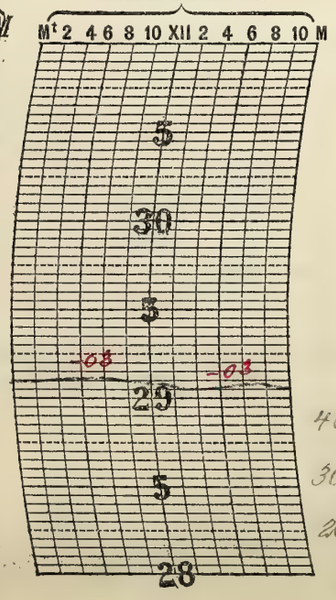
Reduced barometer, 29.03 a. m., 29.92 p. m.

River gage, ____

THERMOGRAPH.



BAROGRAPH.



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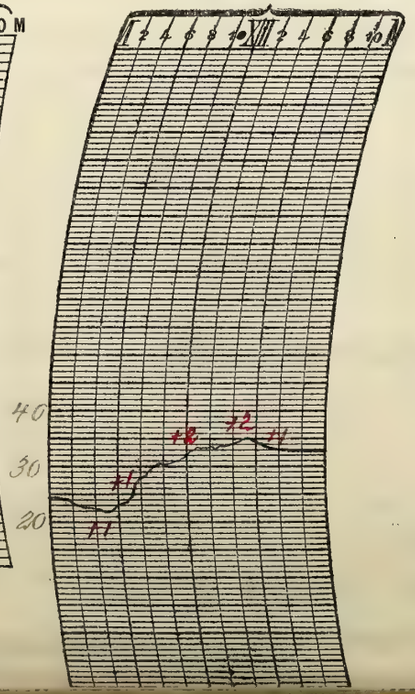


NOTES.

Prepared by EDS

Verified by P.M.S.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 15 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	33	32	32	32	[illegible]	31	33	36	40	[illegible]	43	44	44	45	46	44	42	41	40	40	37	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	—	Clear	—	—	—	—	—	—	×	Pt Cloudy	—	—	—	×	Clear	—	—	—	—	—	?
Sunrise: Time, 5:02; Character, Clear																					Sunset: Time, 6:20; Character, Cloudy			
Sunshine (in tenths of hours)		✓				.97 / 0	1.0 / 0	0.1 / 0.9	1.0	1.0	1.0	0.2	0.3	0.3	0.2	0.2						✓		
Wind direction	SE	SE	SE	S	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	[illegible]
Wind movement	3	3	4	[illegible]	6	[illegible]	[illegible]	5	9	8	8	[illegible]	11	13	12	[illegible]	12	10	5	2	1	[illegible]	1	2
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

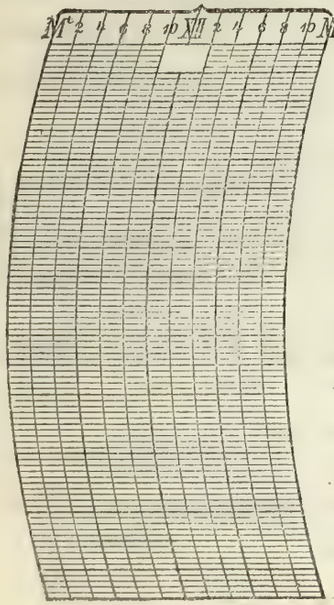
Maximum.	Minimum.	Mean.	Normal.
46	35	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 2 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10), 4
Actual sunshine, hours, 8.0
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 60
Prevailing direction, NW
Total movement, 155
Average hourly velocity, 6.5

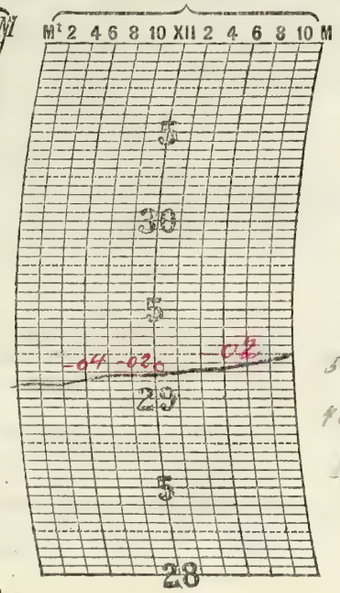
Maximum velocity,	Direction,	Time.
16	NW	Began 1:53 pm

Extreme velocity, 16 NW
Relative humidity, 7 a. m., 84; 12 m., 49; 7 p. m., 57
Reduced barometer, 30.02 a. m., 80 p. m.
River gage, 4.7

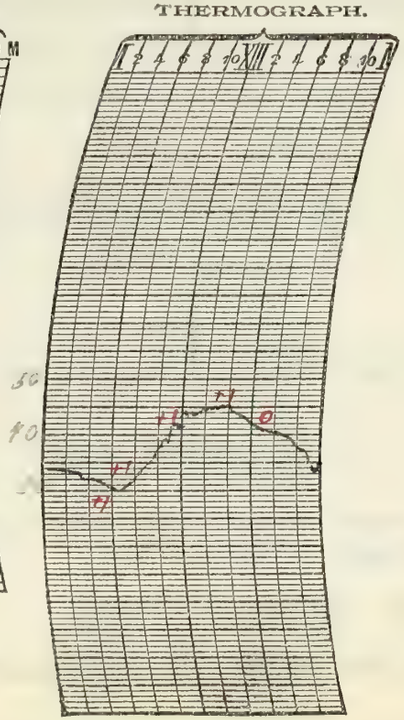
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost in the a.m.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 16 1917, 191

Time (local standard), ___ mer. — ___ hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	31	31	30	32	36	41	44	49	51	53	55	56	56	55	53	56	50	49	42	50	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	3					Cloudy							Cloudy											
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0	0.8	0	0.2	0.2	0	0	0					
Wind direction	N	N	N	N	N	N	NE	E	NE	N	N	N	E	E	S	SE	SE	E	E	E	NE	E	E	E
Wind movement	5	3	1	1	1	2	6	5	6	5	5	4	3	4	4	4	4	3	6	7	6	8	8	6

Sunrise: Time, 5:00, Character, Cloudy

Sunset: Time, 6:21, Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to ___ p. m., ___ ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, Cloudy Moon phase, ___

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 5.4

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 40

Prevailing direction, E

Total movement, 107

Average hourly velocity, 4.5

Maximum velocity, 14 Direction, NE Time. Began 7:48 p.m.

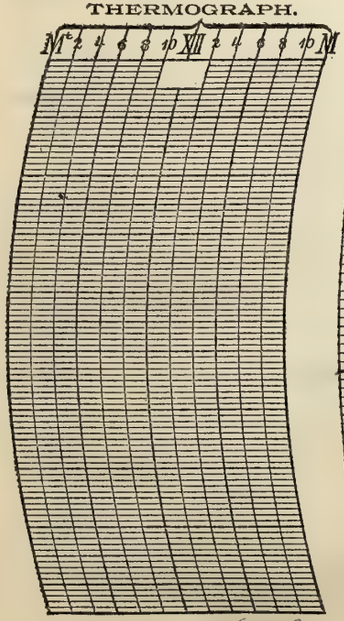
Extreme velocity, 14 NE 7:48

Relative humidity, 7 a. m., 72; 12 N., 55; 7 p. m., 84

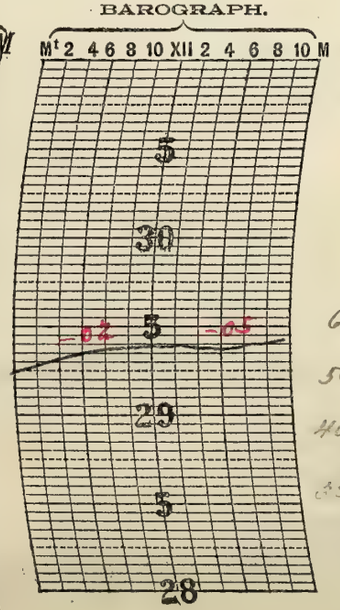
Reduced barometer, 30.27 a. m., 30.27 p. m.

River gage, 4.6 ft.

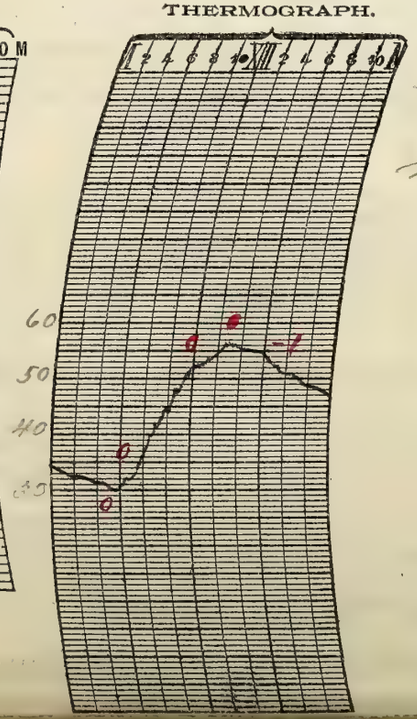
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost occurred this morning

Prepared by C. A. S.

Verified by J. M. S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 17 1917, 191

Time (local standard), 90° mer. — hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	44	44	44	44	44	[illegible]	42	52	58	63	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:58; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	0.7	1.0
Wind direction	E	NE	E	E	E	NE	E	E	E	E	E	SE
Wind movement	8	8	8	6	6	7	7	7	6	7	7	6
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	70	71	70	68	64	62	57	56	55	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending						RB 5:50			RE 8:30			
Amounts of precipitation						T	T	T	T			
Cloudiness and other conditions	Cloudy											?
Sunset: Time, 6:23; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.2	0	0	0	0	0					
Wind direction	SE	SE	NE	N	N	NE	N	N	NE	E	E	NE
Wind movement	6	3	6	5	9	7	9	9	7	4	3	3
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

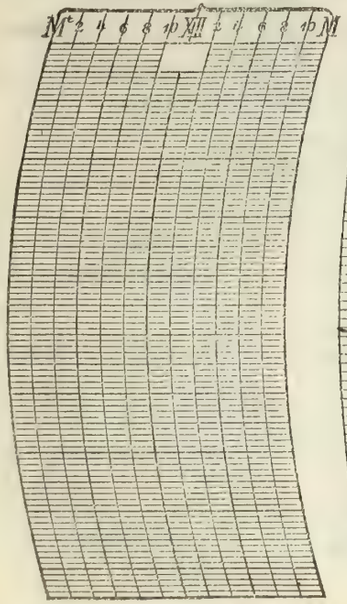
Maximum.	Minimum.	Mean.	Normal.
71	44	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 3.3
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 25
Prevailing direction, E
Total movement, 167
Average hourly velocity, 6.5

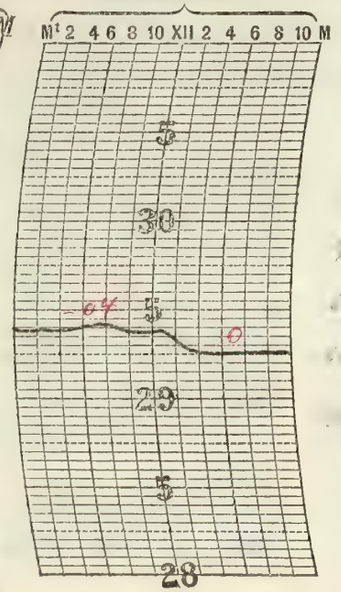
Maximum velocity,	Direction,	Time.
12	SE	Began 10:34 am

Extreme velocity, 12 – SE, – 10:34 am
Relative humidity, 7 a. m., [illegible]; [illegible] p. m., [illegible]; [illegible] p. m., [illegible]
Reduced barometer, 30.33 a. m., 30.22 p. m.
River gage, 4.2 ft.

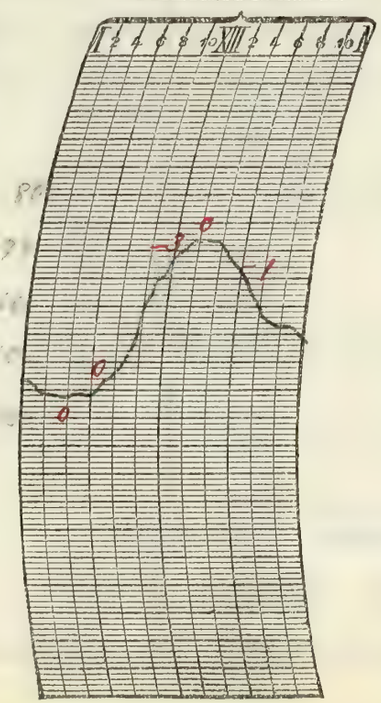
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

× Sunshine through broken Clouds.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 18 1917, 191

Time (local standard), 75th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	50	53	55	58	62	66	71	75	79	81	82	82	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?	—	—	—	Pt Cloudy				×	[illegible]			×	—	—	Pt Cloudy								
Sunshine (in tenths of hours)					0	0	0	0.2	0.9	1.0	1.0	0.9	1.0	1.0	1.0	0.6	0.6	0	0					
Wind direction	NE	NE	E	C	E	SE	SE	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	W	E	[illegible]	[illegible]
Wind movement	4	3	2	0	3	3	4	5	[illegible]	12	[illegible]	13	13	15	[illegible]	[illegible]	14	[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 7:31; Character, Clouds

Sunset: Time, 6:23; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

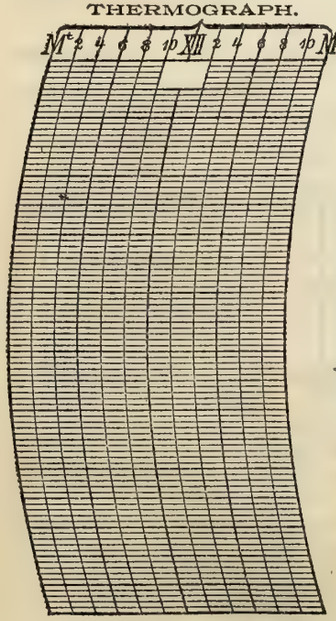
	Maximum.	Minimum.	Mean.	Normal.
	[illegible]	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 7 ins.; to ____ p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Warmer. Moon phase, ____
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.2
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 66
Prevailing direction, SW
Total movement, [illegible]
Average hourly velocity, 8.5

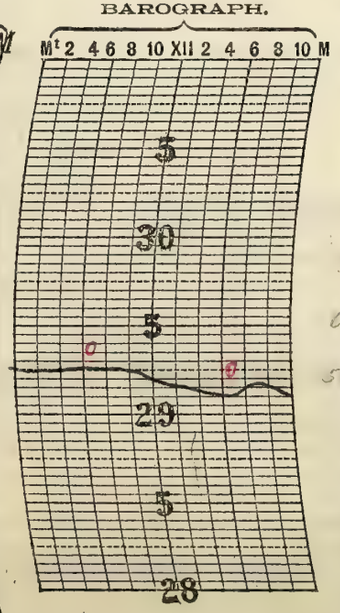
Maximum velocity,	Direction,	Time.
22	SW	Began 2:16 pm

Extreme velocity, 24 — SW — [illegible]
Relative humidity, 7 a. m., 56; 2 p. m., 44; 7 p. m., ____
Reduced barometer, 30.22 a. m., 30.05 p. m.
River gage, [illegible]

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

* Sun shining through broken clouds.
† For beginning & ending of rain see [illegible]

This was the warmest day of the season to date and it was also very sticky and damp.

Prepared by GOS
Verified by PMCO.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 19 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	61	59	59	59	60	66	70	73	68	65
State of weather: Nature of precipitation and time of beginning and ending							RB 6:05 RF 6:10				RB 10:45 RE 10:55	
Amounts of precipitation							T				T	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:56; Character, Cloudy												
Sunshine (in tenths of hours)		1			0	0	0	0	1.0	1.0	0.3	0
Wind direction	SE	S	S	S	S	S	SE	S	S	SE	S	S
Wind movement	6	8	12	8	6	3	3	3	7	9	18	20
Maximum velocities (exceeding 30 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	72	72	72	70	69	67	66	66	65	64	64
State of weather: Nature of precipitation and time of beginning and ending	RB 12:10 RE 12:45											
Amounts of precipitation	.01											
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6:24; Character, Cloudy												
Sunshine (in tenths of hours)	0	0.8	0.9	0.2	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	21	20	22	22	20	17	13	12	13	11	12	12
Maximum velocities (exceeding 30 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	59		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 4.7

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 35

Prevailing direction, S

Total movement, 300

Average hourly velocity, 12.6

Maximum velocity, 28 Direction, S Time. Began 12:30 pm

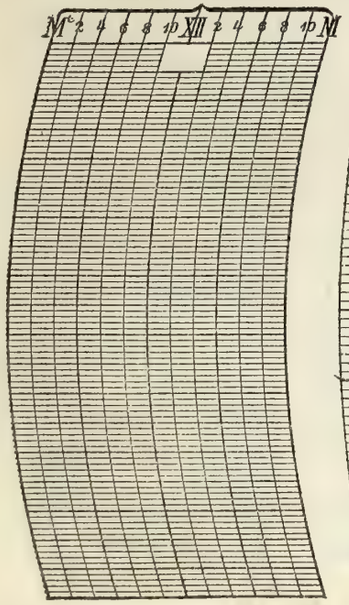
Extreme velocity, 30 [illegible]

Relative humidity, 7 a. m., [illegible]; [illegible] p. m., [illegible]; [illegible] p. m., [illegible]

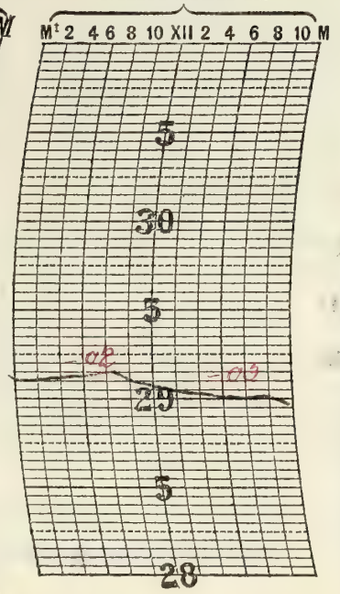
Reduced barometer, 30.03 a. m., 28.9[illegible] p. m.

River gage, 3.[illegible]

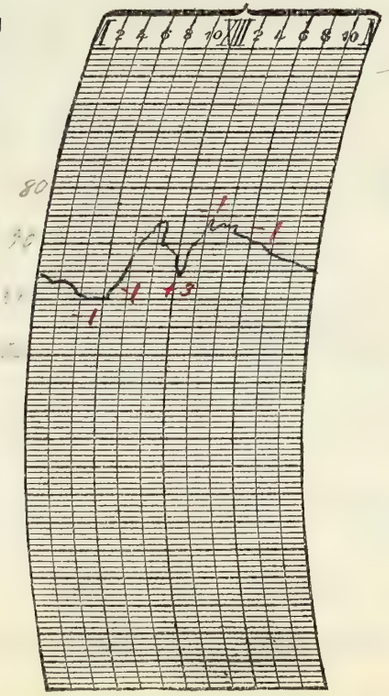
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

× Sun shining through broken clouds.

The word "warnings" was included in the a. m. telegraphic report.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 20 1917, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	60	60	62	63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending									✓	RR 9:15 RR 9:30	✓	
Amounts of precipitation										.01		
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:50 Character, Cloudy												
Sunshine (in tenths of hours)		1		1	0	0	0	0.6	0.1	0.3	1.0	0.9
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	12	10	8	6	10	12	[illegible]	[illegible]	17	[illegible]	20	[illegible]
Maximum velocities (exceeding 25 miles) direction and time												
Total duration. From—												
Total duration. To—												
Total amount of precipitation.												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	70	74	74	74	73	6[illegible]	61	56	53	52	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	✓	RR 1:30	RE 2:20	✓				RR 7:00 RE 7:20		✓		
Amounts of precipitation		.03	T					T				
Cloudiness and other conditions				Cloudy								
Sunset: Time, 6:26 Character, Cloudy												
Sunshine (in tenths of hours)	0.7	0.3	0.9	0.8	0	0	0			✓		
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	22	28	22	[illegible]	26	21	23	[illegible]	20	18	22	18
Maximum velocities (exceeding 25 miles) direction and time		34 S 1:32		39 S 3:17	31 S 4:13	31 S 5:19	36 S 6:35					
Total duration. From—												
Total duration. To—												
Total amount of precipitation.												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	50	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 6.5

Possible sunshine, hours, 13.5

Percentage of possible sunshine, [illegible]

Prevailing direction, S

Total movement, 422

Average hourly velocity, 10.4

Maximum velocity,	Direction,	Time.
39	S	Began 3:17 pm

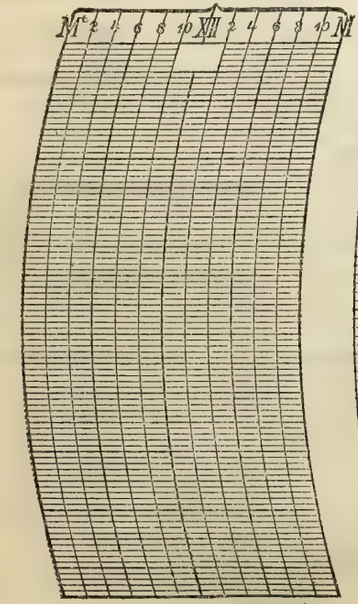
Extreme velocity, 40 S 4:19 pm

Relative humidity, 7 a. m., 70; 12 m., 52; 7 p. m., 63

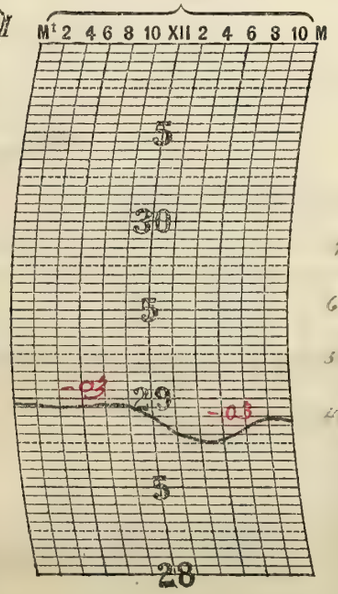
Reduced barometer, 29.86 a. m. 29.69 p. m.

River gage, [illegible]

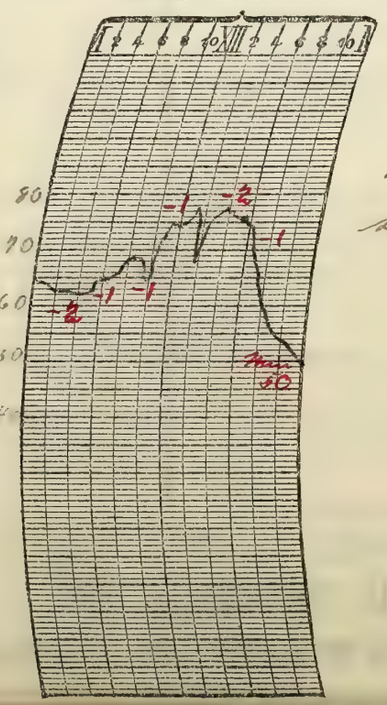
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

X Sunshine through broken clouds

Thunderstorm: First thunder heard 1:30 pm; last heard at 2:00 pm. The storm moved from the west

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 21 1917, 191

Time (local standard), 90 mer. — A. M. / P. M.

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	50	48	48	47	47	47	47	47	47	47	48	50	54	56	57	57	54	52	50	48	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												Cloudy x-Ot Clr x							Clear				
Sunrise: Time, Character, 4:53 Cloudy																					Sunset: Time, Character, 6:22 Clear			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.1 x	0.1 x	0.5	1.0	1.0	0.2	0	0					
																	0.1	1.0	.45					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	S	S	S	S	S	S
Wind movement	17	19	22	22	20	17	12	18	17	19	16	14	16	14	12	10	9	8	6	8	8	9	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	44		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, NEW-8:01 a.

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 5.2

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 38

Prevailing direction, SW

Total movement, 338

Average hourly velocity, 14.0

Maximum velocity, 28 Direction, SW Time. Began 6:34 a.

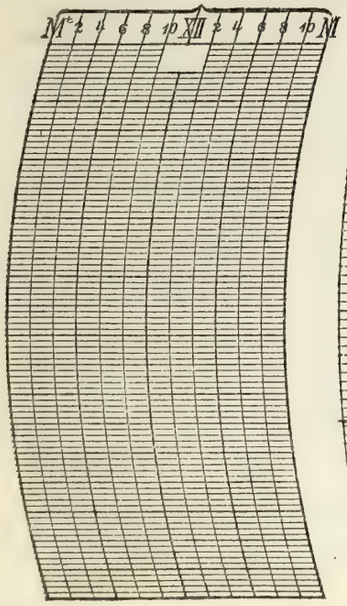
Extreme velocity, 28 SW 6:34 a.

Relative humidity, 7 a. m., ; 12 p. m., ; p. m., 58

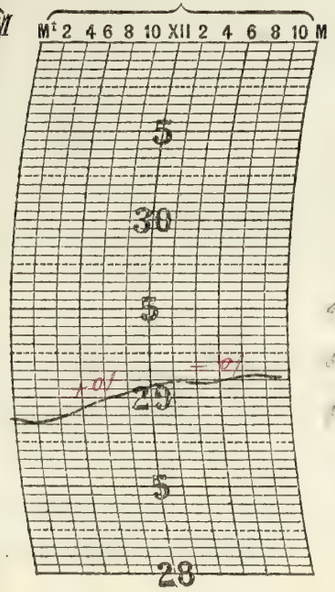
Reduced barometer, 29.91 a. m., 30.02 p. m.

River gage, 3.5 ft.

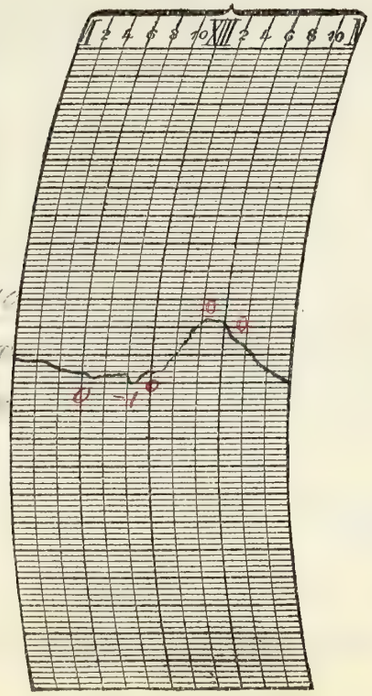
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

x Sun shining through broken Clouds

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 22 1917, 191

Time (local standard), ___ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	41	42	51	51	55	63	61		56	74	73	73	74	75	71	71	65	63	63	61	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Clear											
Sunshine (in tenths of hours)					.15 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.2	0.6	0.3	0	0					
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	12	12	13	11	11	11	14	16	14	15		11	13	14	14		13	12	9	9	10		10	9
Maximum ___ velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 4:31; Character, Clear

Sunset: Time, 6:28; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	46	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ___

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.6

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 71

Prevailing direction, S

Total movement, 251

Average hourly velocity, 10.1

Maximum velocity, 22 Direction, SW Time. Began 7:22 am

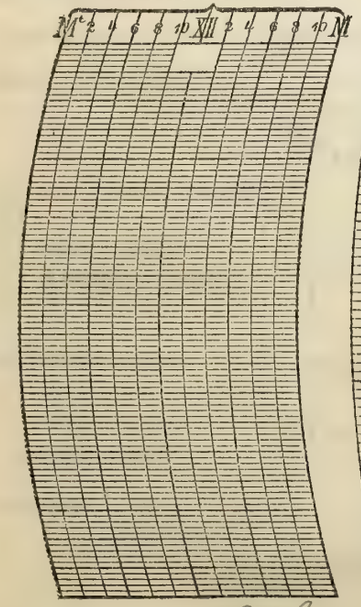
Extreme velocity, 24 — SW — 7:25 am

Relative humidity, 7 a. m., 63; 12 m., 35; 7 p. m., 39

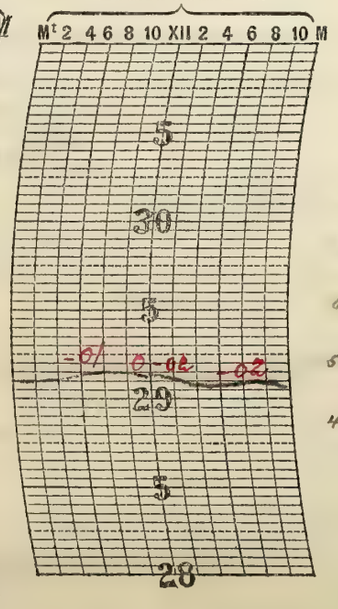
Reduced barometer, 30.06 a. m. 28.98 p. m.

River gage, 3.5 ft.

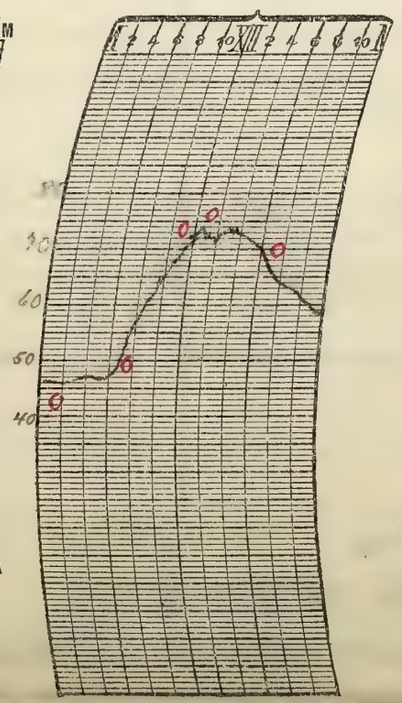
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CMS
Verified by PMCD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 23 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	55	51	49	48	46	46 RB 9:55	46 RE 8:10	51 RB 9:05 RE 5:15	51	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								T	T	T		
Cloudiness and other conditions	7	Partly Cloudy								Cloudy		
Sunrise: Time, 4:55 Character, Cloudy												
Sunshine (in tenths of hours)		1			0	0	0	0	0.2	0.6	0.7	0.4
Wind direction	S	SW	NW	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	4	7	[illegible]	14	14	12	13	15	15	[illegible]	[illegible]
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	51	51	50	50	48 RB 6:35	46	43 RE 8:10	43	44	43
State of weather: Nature of precipitation and time of beginning and ending				RB 8:50 RE 4:00								
Amounts of precipitation				T			T	.01	T			
Cloudiness and other conditions				Cloudy								
Sunset: Time, 6:29 Character, Cloudy												
Sunshine (in tenths of hours)	0.8	0	0	0	0	0	0					
Wind direction	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	17	15	17	[illegible]	18	17	16	13	12	[illegible]	[illegible]	[illegible]
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	59	43	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.2

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 16

Prevailing direction, NE

Total movement, 318

Average hourly velocity, 13.2

Maximum velocity, 23 Direction, NE Time. Began 11:12 am

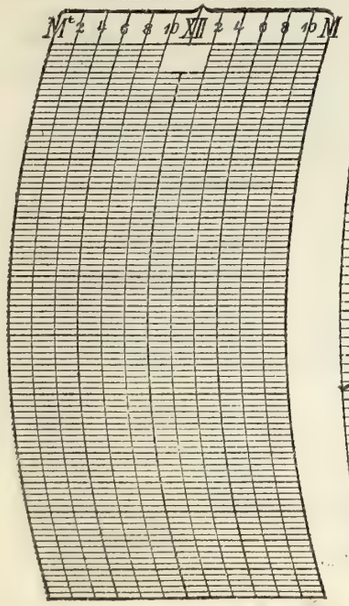
Extreme velocity, 25 — NE — [illegible]

Relative humidity, 7 a. m., 85; 12 N., 69; [illegible] p. m., [illegible]

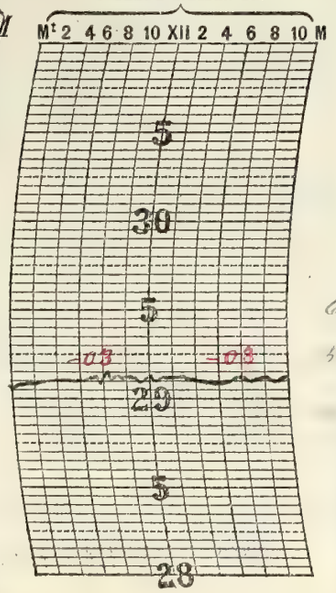
Reduced barometer, 30.00 a. m., 30.01 p. m.

River gage, 3.5 ft.

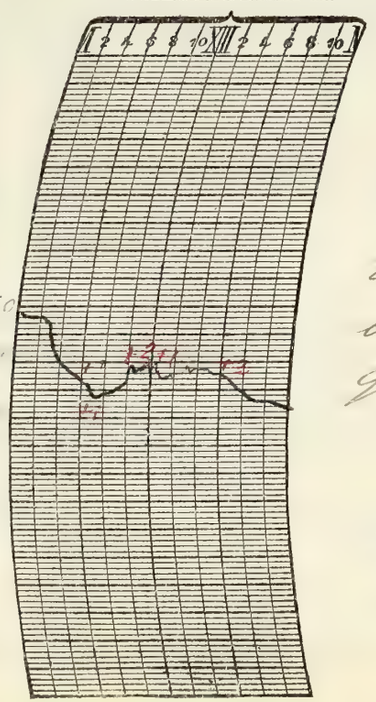
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day as a whole was cloudy with occasional [illegible] and but little sunshine although temperatures were moderate until evening when the weather became quite [illegible]

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 24 1917, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	40	39	40	40	43	47	46	
State of weather: Nature of precipitation and time of beginning and ending							RB 6:35 RE 6:57					
Amounts of precipitation							T					
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:48; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.3	0.5	0.6	0.3	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	12	12	11	14	11	11	11	14	16	18	12
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	49	49	49	48		46	45	43	42	41
State of weather: Nature of precipitation and time of beginning and ending									RB 8:[illegible]			
Amounts of precipitation									T	T	T	T
Cloudiness and other conditions	Cloudy				Cloudy							
Sunset: Time, 6:30; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	10	8	6	22	14	18	12	15	17	20	6
Maximum velocities (exceeding 25 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	35	41	

Total depth of snow for 24 hours ending 7 p. m., 1 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 1.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 12

Prevailing direction, NE

Total movement, 34

Average hourly velocity, 1.4

Maximum velocity, 24 Direction, NE Time. Began 8:36 pm

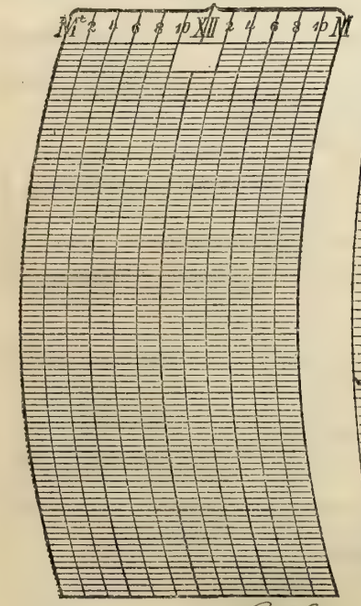
Extreme velocity, 24 — NE — 8:36

Relative humidity, 7 a. m. 61; 2 p. m. 54; 7 p. m., ____

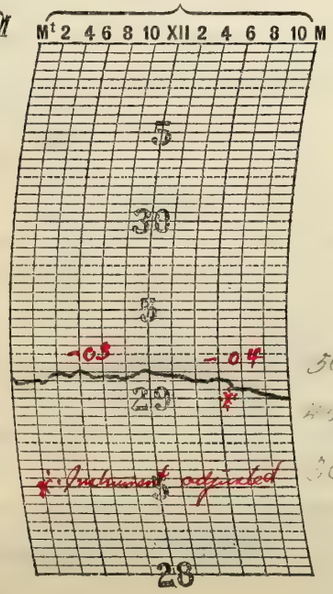
Reduced barometer, 30.05 a. m. 30.01 p. m.

River gage, 0.5

THERMOGRAPH.



BAROGRAPH.



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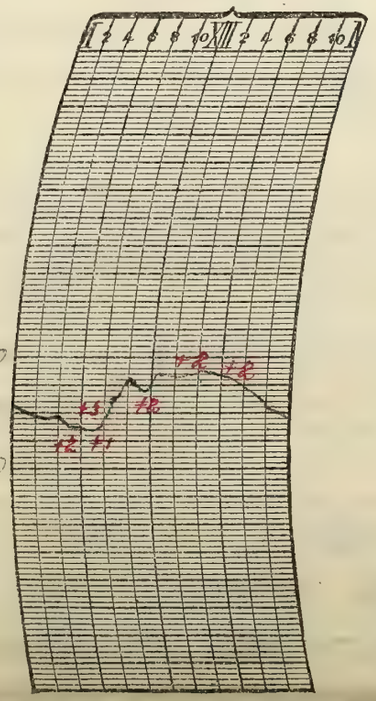


NOTES.

Prepared by CCS
Verified by PMC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 25 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	40	[illegible]	[illegible]	39	40	40	41	42	46	50 RE 13 35	52	53	53	54	[illegible]	48 RE 6:45 RE 6:21	47	47	46	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	T	.06	.01	T	.02	.01	.13	.05	.07	.08	.07	.07					T	T					
Cloudiness and other conditions	Cloudy												Cloudy x				Cloudy				x Clear			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0.1	0.3	0.2	0.2	0.2	0					
Wind direction	NE	E	NE	E	E	E	E	E	E	E	E	SE	SE	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	8	14	17	12	13	12	9	9	8	5	6	8	20	21	18	20	20	22	18	17	17	12	13
Maximum velocities (exceeding 29 miles) direction and time																		20 SW 2:03						

Sunrise: Time, [illegible] Character, Cloudy

Sunset: Time, [illegible] Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	39	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., .47 ins.

Total precipitation, midnight to midnight, .57 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours,

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 8

Prevailing direction, SW

Total movement, 331

Average hourly velocity, 13.8

Maximum velocity,	Direction,	Time.
30	SW	Began 5:53 pm

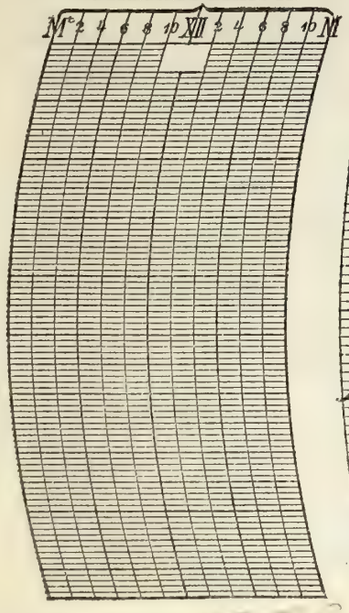
Extreme velocity, 31 SW 5:53 pm

Relative humidity, 7 a. m., 90; 12 m., 85; 7 p. m., 6[illegible]

Reduced barometer, 29.81 a. m. 29.[illegible] p. m.

River gage, 3.4 ft.

THERMOGRAPH.



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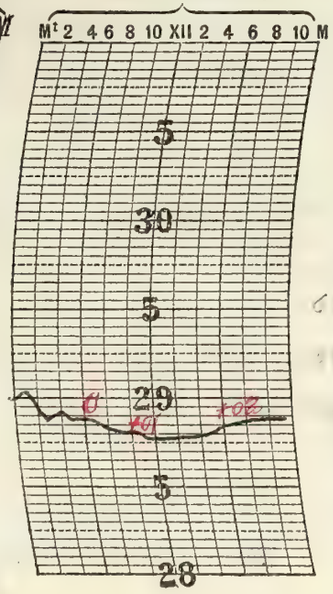

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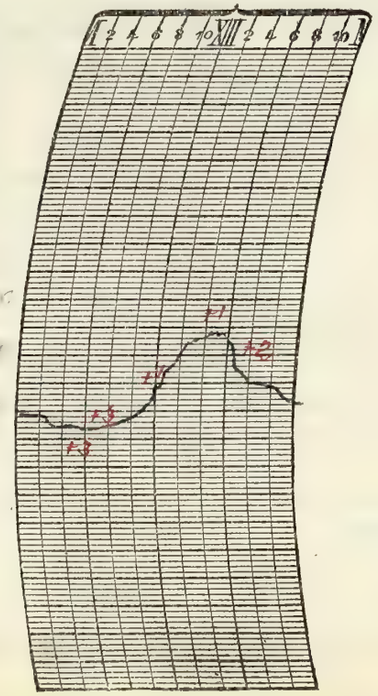


NOTES.

x Sun shining through holes

Special one o'clock observation called for by Central Office

A dark gloomy day with rain during the morning

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 26 1917, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	43	42	41	41	40	40	40	39	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 4:45; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	16	13	14	16	14	11	8	8	10	10	11
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	46	44	44	44	44	43	42	42	40	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy						
Sunset: Time, 4:32; Character, Cloudy												
Sunshine (in tenths of hours)	x 0.1	x 0.1	0	0	0	0	0					
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	SW	SW
Wind movement	23	20	17	13	15	12	5	4	4	2	3	2
Maximum velocities (exceeding ___ miles) direction and time	30 SW 12:52											

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

___1___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
44	37		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ___ ins.; to ___ p. m., ___ ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, Cloudy Moon phase, ___

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.4

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 3

Prevailing direction, SW

Total movement, 302

Average hourly velocity, 12.5

Maximum velocity, 30 Direction, SW Time. Began 12:52 pm

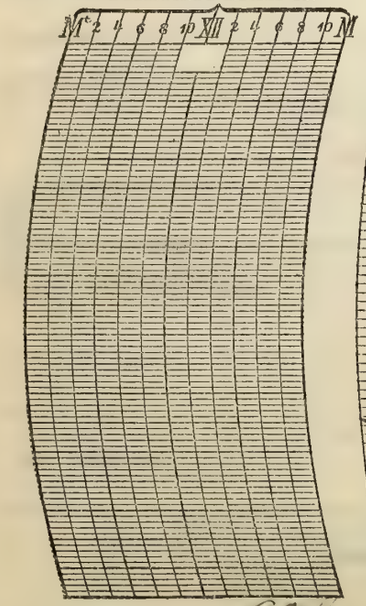
Extreme velocity, 32 — SW, — 12:52 pm

Relative humidity, 7 a. m., 84; 12 m., 63; 7 p. m., 68

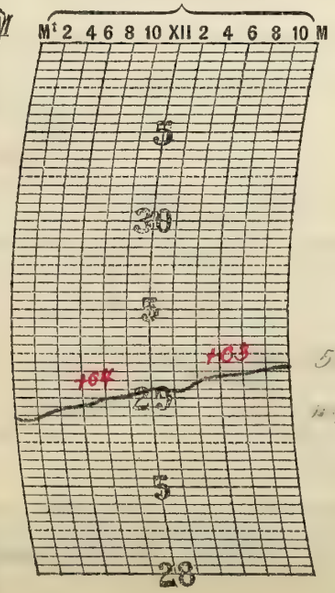
Reduced barometer, 29.95 a. m. 30.11 p. m.

River gage, 3.5 ft.

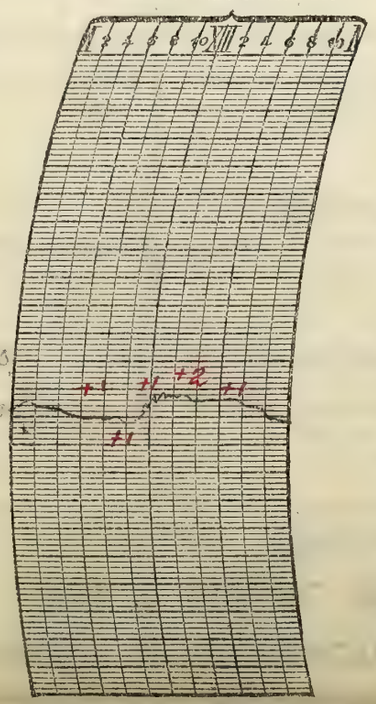
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

x Sun shining through broken clouds

A Cloudy and cold day

Prepared by [illegible]

Verified by [illegible]

S—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 27 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	40	40	40	[illegible]	[illegible]	43	44	46	46	46	[illegible]	47	47	47	[illegible]	48	[illegible]	[illegible]	46	45	44	43	[illegible]
State of weather: Nature of precipitation and time of beginning and ending													RB 12:22	RE 1:05										
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy																Cloudy							
Sunrise: Time, 4 41; Character, Cloudy																					Sunset: Time, 6:33; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	NW	NW	NW	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	5	4	3	2	1	1	2	4	4	4	4	5	3	4	3	4	7	6	3	4	3	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
48	40	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to [illegible] p. m., [illegible] ins.

Total precipitation, midnight to midnight, 1 inches.

Character of day, Cloudy — Moon phase,

Average daily cloudiness (0–10), [illegible]

Actual sunshine, hours, 0

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 0

Prevailing direction, SW.

Total movement, 84

Average hourly velocity, [illegible]

Maximum velocity, 8 — Direction, NE — Time. Began 5:42 p.

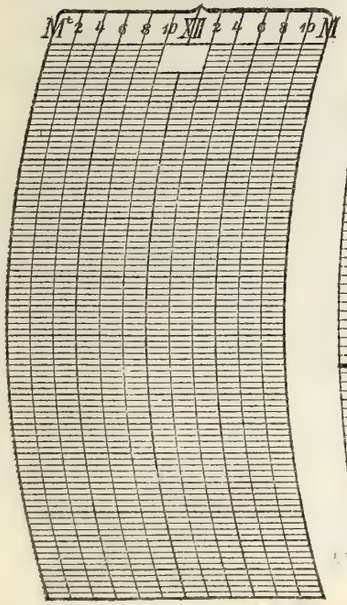
Extreme velocity, 8 — NE — 5:42 p.

Relative humidity, 7 a. m., 78; 12 m., 64; 2 p. m., [illegible]

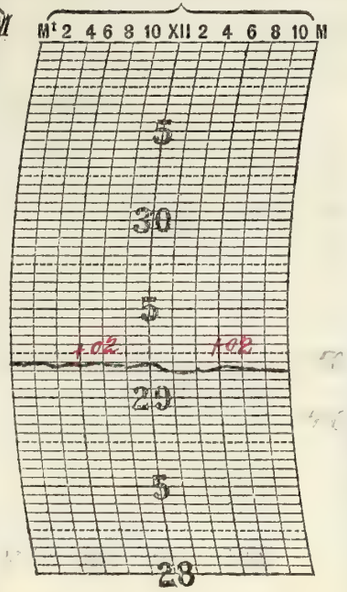
Reduced barometer, 30.[illegible] a. m. — p. m.

River gage, 3.6 ft.

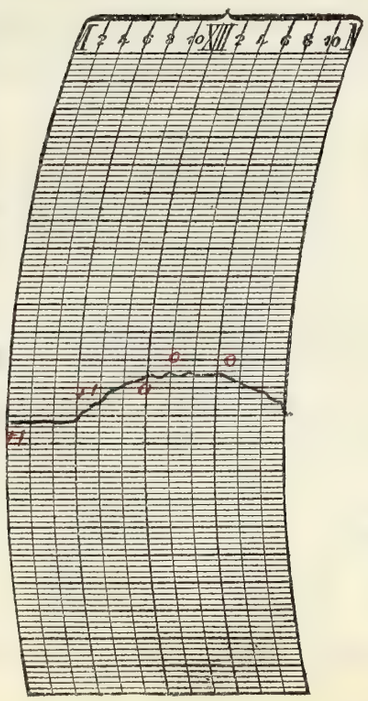
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 28 1917, 191

Time (local standard), ____ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	38	40	36	41	50	44	49	49	51	50	53	53	52	51	49	49	49	47	46	44	46	44
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:15 RE 6:00						
Amounts of precipitation																		T						
Cloudiness and other conditions	2			Clear					Partly Cloudy				*					Cloudy						
Sunshine (in tenths of hours)					28	1.0	0.7						1.0	1.0	0.7	0	0	0						
Wind direction	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	5	7	5	10	14	18	15	14	14	14	14	14	16	16	17	15	17	16	17	17	14	17	10	14
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 4:43 Character, Clear

Sunset: Time, 6:34 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	34	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 1 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 6 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Partly Cloudy Moon phase, ____

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.7

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 72

Prevailing direction, NE

Total movement, 304

Average hourly velocity, 13.2

Maximum velocity, 22 Direction, NE Time. Began 3:28 pm

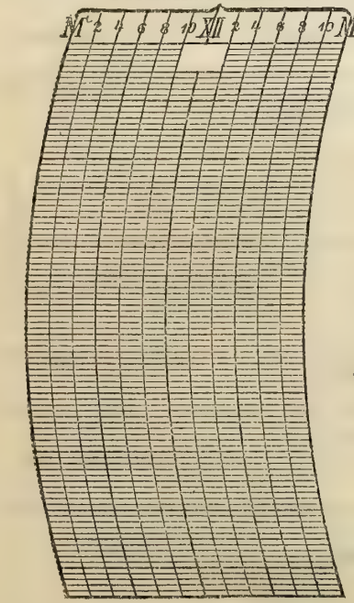
Extreme velocity, 22 — NE — 3:28

Relative humidity, 7 a. m., 60; 4 p. m., 50; 7 p. m., ____

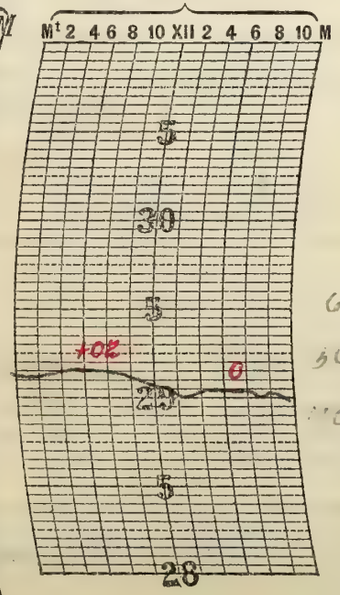
Reduced barometer, 30.12 a. m. / 30.05 p. m.

River gage, 2.8 p.m.

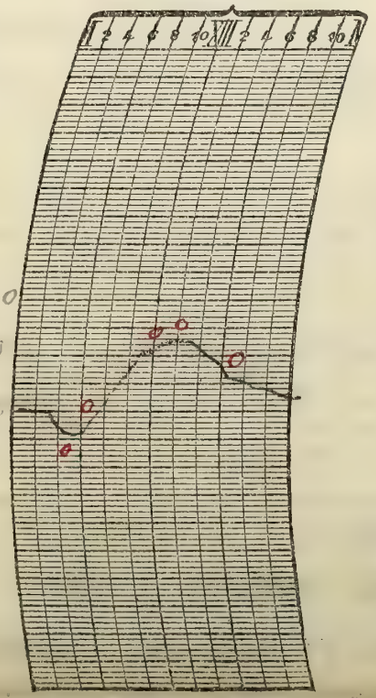
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by CCOS.

Verified by PMCR.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 29 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	42	42	40	41	43	44	46	48	51	51	52	53	57	58	54	53	53	52	51	50	50	49	49
State of weather: Nature of precipitation and time of beginning and ending			RB DNR		RE DNA						RB 1045	RE 1175												
Amounts of precipitation			T	.01	.02						T	T												
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, 4:41; Character, Cloudy																					Sunset: Time, 6:35; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0.1	0.2	0	0	0	0					
Wind direction	NE	E	NE	E	E	E	E	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	13	12	12	7	8	5	4	5	5	7	11	16	9	16	20	19	16	13	14	12	11	12	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
58	40	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy — Moon phase, FIRST QUARTER 11:29

Average daily cloudiness (0–10),

Actual sunshine, hours, 0.3

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 2

Prevailing direction, SW

Total movement, 261

Average hourly velocity, 10.9

Maximum velocity, 26 — Direction, SW — Time. Began 2:59 pm

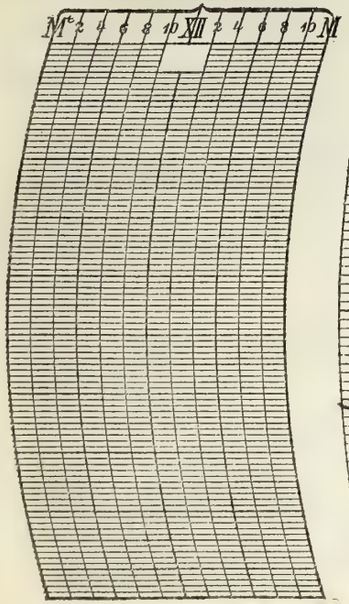
Extreme velocity, 28 — SW — 2:59 pm

Relative humidity, 7 a. m., 77; 2 p. m., 54; p. m.,

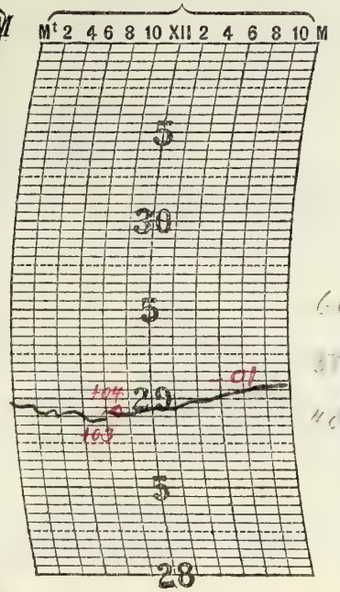
Reduced barometer, 28.86 a. m., 28.95 p. m.

River gage, 4.2 ft. r.

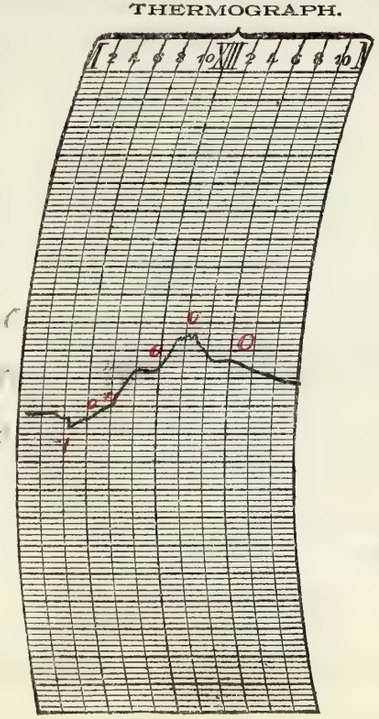
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by E.O.S.

Verified by P.M.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 30 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45	44	[illegible]	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending											RS	
Amounts of precipitation											T	.10
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	W	NW	W	NW	SW	SW	S	SW	S	S	SE	SE
Wind movement	6	3	3	1	3	4	5	6	6	7	4	5

Sunrise: Time, 4:40; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	51	52	[illegible]	[illegible]	[illegible]	51	44	[illegible]	[illegible]	[illegible]	[illegible]
Nature of precipitation and time of beginning and ending	RE			RR23								
Amounts of precipitation	.54			.07	.13				T	.11	T	.01
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	SE	SW	[illegible]	[illegible]	[illegible]
Wind movement	6	8	10	11	10	11	10	8	11	10	8	6

Sunset: Time, 6:36; Character, Cloudy

Maximum velocities (exceeding 20 miles), direction and time: 41 S 4:45 p.m.; 38 S 11:45 p.m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
57	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 0 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .37 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, [illegible] Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 0

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 0

Prevailing direction,

Total movement, 22

Average hourly velocity, 0.9

Maximum velocity, 22 Direction, S Time. Began 10:47 p.m.

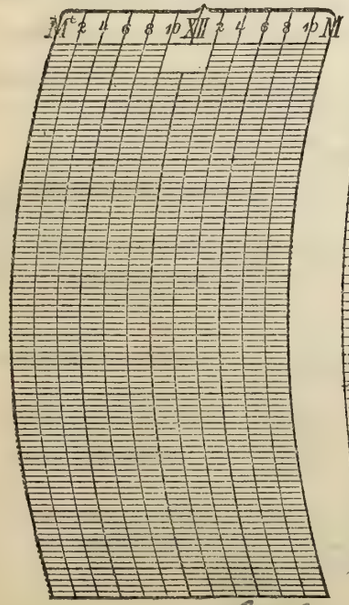
Extreme velocity, 42 S 9:07 p.m.

Relative humidity, 7 a. m., 93; 12 m., 67; 7 p. m., 94

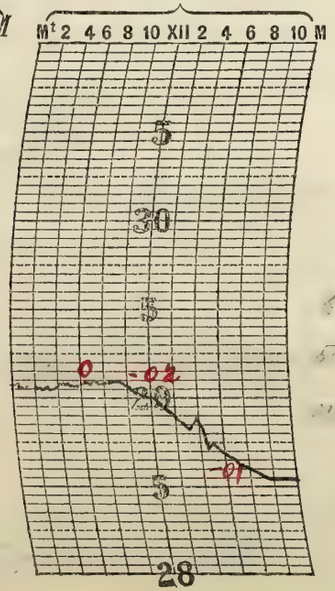
Reduced barometer, 30.01 a. m., 29.53 p. m.

River gage, [illegible]

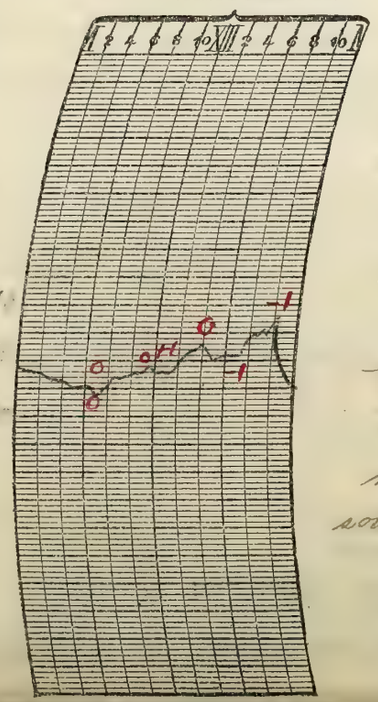
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

One peal of thunder heard at 7:[illegible] p.m. Thunderstorm: — First thunder at 8:58 p.m., last heard at 9:10 p.m. The storm came from the west and was light in character although accompanied by rain. Preceding the rain and continuing throughout the night high winds from the southeast did some damage to [illegible]

Prepared by CAS

Verified by P.M.G.

S—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY - 1 1917, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	39	38	38	38	[illegible]	41	40	41	41	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending				RE 0NA			RIB 6:18	RE 7:40				
Amounts of precipitation	.01	.01	.01	.01			T	T				
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:39 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	[illegible]	[illegible]	SW	SW	SW	[illegible]	[illegible]	[illegible]
Wind movement	38	21	22	[illegible]	22	21	[illegible]	31	29	21	27	[illegible]
Maximum velocities (exceeding ____ miles) direction and time	46 SW	42 SW	39 SW	36 SW	34 SW	30 SW	36 SW	31 SW	35 SW	30 SW	30 SW	31 SW

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	46	48	48	49	49	[illegible]	48	47	46	44	43
State of weather: Nature of precipitation and time of beginning and ending							RIB 6:22 RE 9:40 RIB 6:56					
Amounts of precipitation							T	T				
Cloudiness and other conditions	Cloudy								Cloudy			
Sunset: Time, 6:37 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	[illegible]	[illegible]
Wind movement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Maximum velocities (exceeding ____ miles) direction and time	31 SW	32 SW	34 SW	31 SW								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
49	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., .7 ins.

Total precipitation, midnight to midnight, .7 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 588

Average hourly velocity, 24.5

Maximum velocity, 46 Direction, SW Time. Began 12:57a

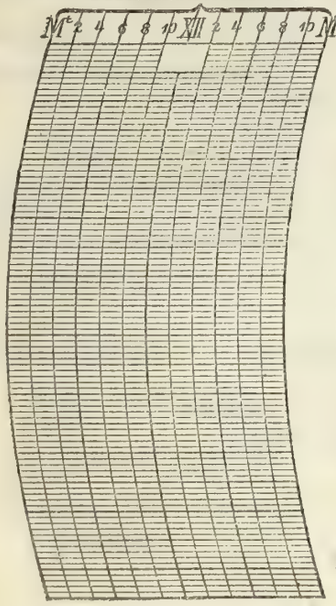
Extreme velocity, 45 SW [illegible]

Relative humidity, ____ a. m., ____; ____ p. m., ____; ____ p. m., ____

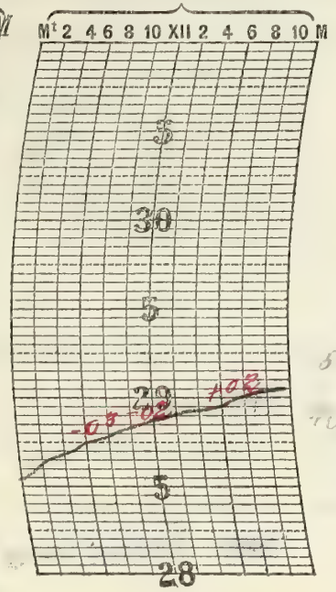
Reduced barometer, 29.65 a. m., 29.[illegible] p. m.

River gage, 8.1

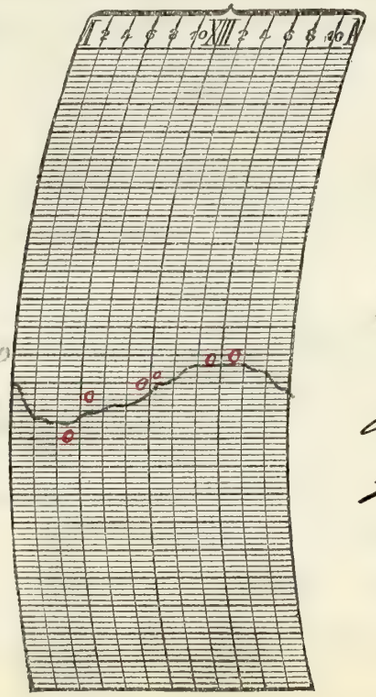
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A cloudy, gloomy day with occasional [illegible] and low temperature. The high wind which commenced on the date previous continued till toward morning.

Heavy frost warning issued in the regular am. forecast. It was published on all cards and maps issued.

Prepared by

Verified by P. Mayo

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 2 1917, 191

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	41	40	39	38	38		47	49	50	51	52	53	54	54	53	51	50		46	43	42	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?			Clear					x Clody				x	Cloudy				x Cldy			x Clear			
Sunshine (in tenths of hours)		1			0	0	0.2	0.8	1.0	1.0	0.6	0.2	0.9	0.6	0.9	0	0	0	0			1		
Wind direction	NW	NW	NW	SW	SW	SW	NW	NW	W	NW	NW		W	W	W	NW	W	W	W	NW	NW	W	W	W
Wind movement	6	6	8	8	6	5	9	7	7	15	17	15	20	17	14	13	16	13	10	10	8	8	9	7
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 4:57 Character, Clear

Sunset: Time, 6:38 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	38	45	

Total depth of snow for 24 hours ending ___ p. m., 0 inches.

Snow on ground ___ p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ___ a. m., ___ ins.; to ___ p. m., ___ ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, ___ Moon phase, ___

Average daily cloudiness (0–10), ___

Actual sunshine, hours, 6.2

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 43

Prevailing direction, W

Total movement, 259

Average hourly velocity, 11

Maximum velocity, 21 Direction, SW Time. Began 12:16 pm

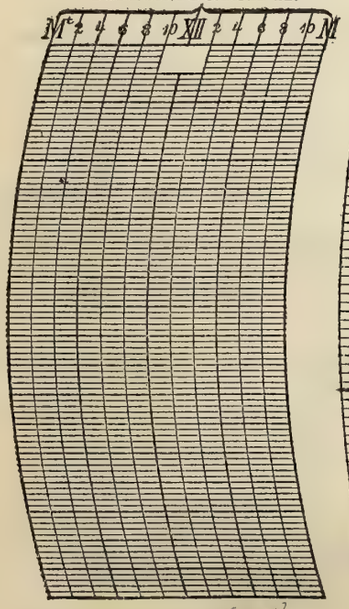
Extreme velocity, 22 SW, 12:16 pm

Relative humidity, 7 a. m., 84; 12 m., 46; ___ p. m., ___

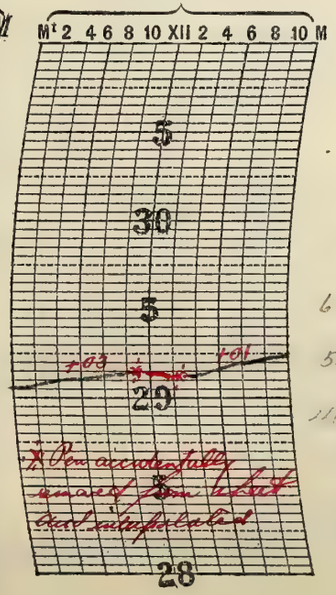
Reduced barometer, 30.28 a. m., 30.11 p. m.

River gage, 5.0 ft.

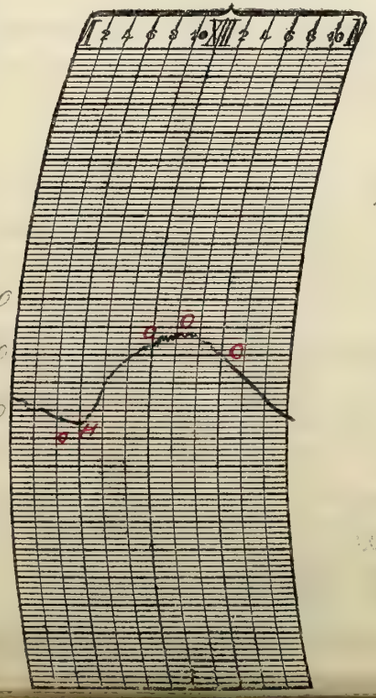
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Minimum thermometer # 12,402 replaced by minimum thermometer # 19,516 this date.

Light frost occurred this morning

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY - 3 1917, 191

Time (local standard), ?. mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	37	36	35	34	37	[illegible]	44	47	48	50	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 4:46; Character, Clear												
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	NE	E	NE	E	N
Wind movement	10	11	5	5	3	3	4	6	6	3	3	4
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	54	55	55	55	53	52	50	49	47	45	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy						Cloudy		Cldy		Clear	?
Sunset: Time, 6:32; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0	0	0					
Wind direction				NE	NE		E	E	NE	E	NE	NE
Wind movement					9	10	7	7	8	10	10	13
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	34		

Total depth of snow for 24 hours ending 7 p. m., ___ inches.

Snow on ground 1 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, ___

Average daily cloudiness (0–10), ___

Actual sunshine, hours, 11.0

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 79

Prevailing direction, N. & NE

Total movement, 173

Average hourly velocity, ___

Maximum velocity, 15 Direction, NE Time. Began 11:51 pm

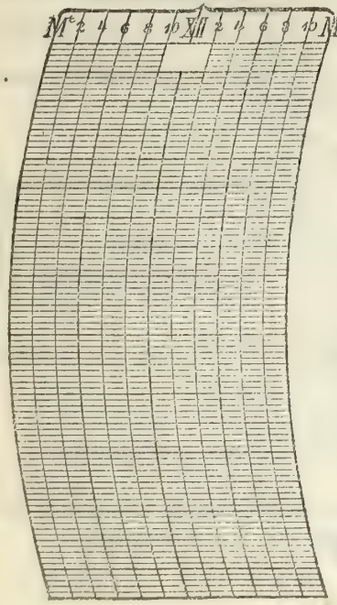
Extreme velocity, 15 — NE — 11:51 pm

Relative humidity, 7 a. m., ___; 2 p. m., ___; 7 p. m., ___

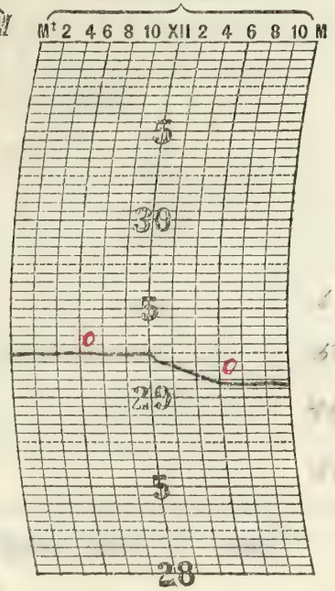
Reduced barometer, 30.22 a. m. / 30.04 p. m.

River gage, 4.0 [illegible]

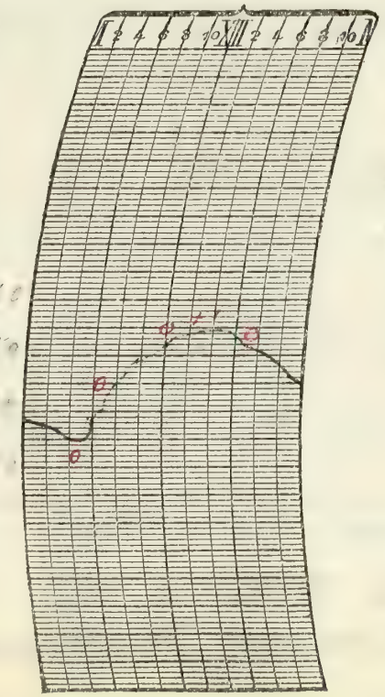
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost occurred this morning which flattened out [illegible]

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY - 4 1917, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	41	40	39	37	38	[illegible]	40	42	40	40	37	36	36	37	39	40	40	[illegible]	38	36	36	36	37
State of weather: Nature of precipitation and time of beginning and ending								RB 7:13 RE 7:30		RR 7:18														DE
Amounts of precipitation								T		T	.01	.02	.04	.07	.02	.02	.02	.01	.05	.06	.03	.02	.01	.01
Cloudiness and other conditions	Cloudy												Cloudy											
Sunrise: Time, 4:35; Character, Cloudy																					Sunset: Time, 6:40; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0						0	0	0									
Wind direction	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	[illegible]																							
Maximum velocities (exceeding 20 miles) direction and time											26 N 11:45		36 N 12:12	31 N 1:03	30 N 2:03			33 N 6:02						

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
47	36	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .35 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 0

Possible sunshine, hours, 14.1

Percentage of possible sunshine,

Prevailing direction, N

Total movement, 471

Average hourly velocity, 19.8

Maximum velocity,	Direction,	Time.
36	N	Began 11:29 a.m.

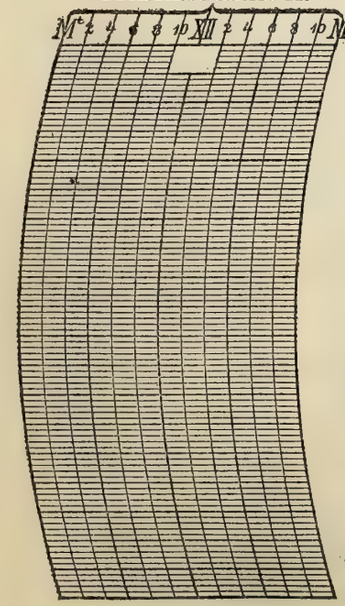
Extreme velocity, 38 — N — 11:29 a.

Relative humidity, 7 a. m., 85; 12 p. m., 72; p. m.,

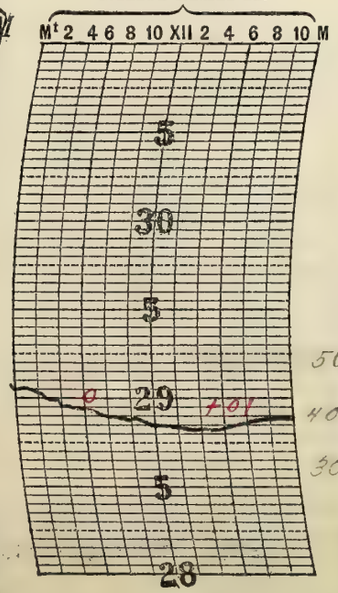
Reduced barometer, 29.84 a. m. 29.79 p. m.

River gage, 4.1 ft.

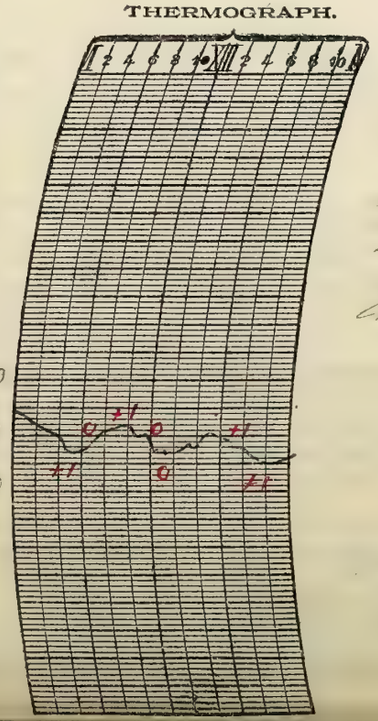
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A dull gloomy day with a light rain falling most of the day and low temperature. A strong wind began in the morning and continued throughout the day.

Prepared by EOS

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 5 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	37	38	37	38	38	39	39	40	41	42	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4:33; Character, Clear												
Sunshine (in tenths of hours)		1			0	0	0	0	0	0	0	0
Wind direction	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wind movement	12	12	16	16	12	[illegible]	12	12	12	13	12	18
Maximum velocities (exceeding 30 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	45	45	44	43	43	43	41	41	40	39	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunset: Time, 6:44; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	13	15	15	13	15	12	10	11	9	10	8	7
Maximum velocities (exceeding 30 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

0 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	37	41	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T.16 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, ✓

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 0

Prevailing direction, N.

Total movement, 292

Average hourly velocity, 12.2

Maximum velocity, 19 Direction, N Time. Began 1:51 pm

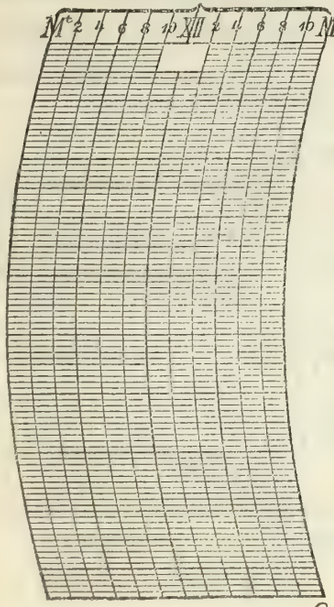
Extreme velocity, 21 — N — 1:51 pm

Relative humidity, 7 a. m., [illegible]; 12 m., [illegible]; 7 p. m., 28

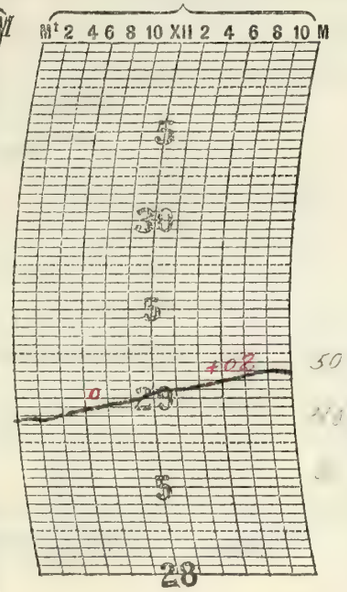
Reduced barometer, [illegible] a. m. 30.08 p. m.

River gage, [illegible]

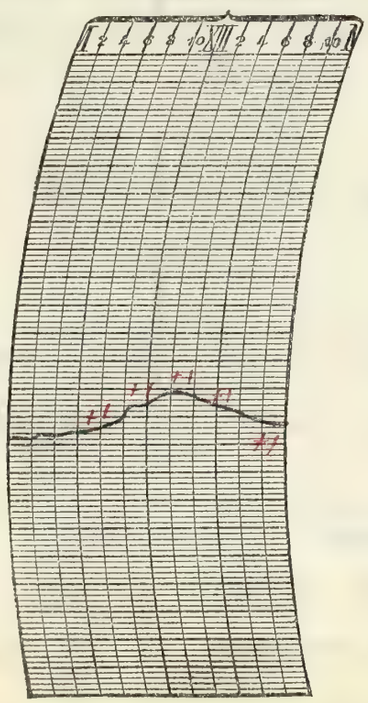
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

✓ for beginnings and endings see May 4, 1917

Heavy frost warning received in regular am. forecast. It was furnished on all maps and bulletins issued.

Prepared by CCS

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 6 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	39	39	39	39	39	43				46	45	47	48	45	43		43	43	43	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								T			T	T												
Cloudiness and other conditions						Cloudy												Cloudy						
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N												
Wind movement	8	9	7	6	7	7	9	10	13	12	9	9												

Sunrise: Time, 4:32; Character, Cloudy

Sunset: Time, 6:42; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48			

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, Full 8:43 pm

Average daily cloudiness (0–10), 10

Actual sunshine, hours,

Possible sunshine, hours, 14.2

Percentage of possible sunshine,

Prevailing direction,

Total movement,

Average hourly velocity,

Maximum velocity, Direction, Time. Began

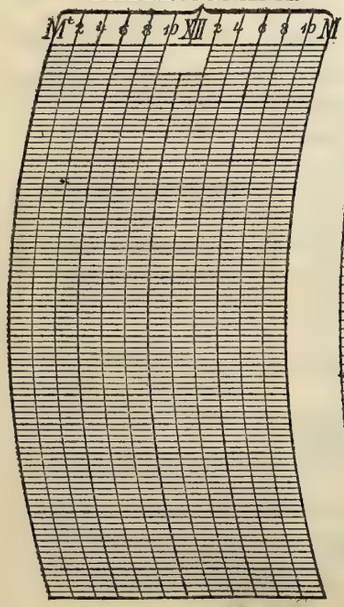
Extreme velocity,

Relative humidity, 7 a. m., 76; 12 m., 72; 7 p. m. 82

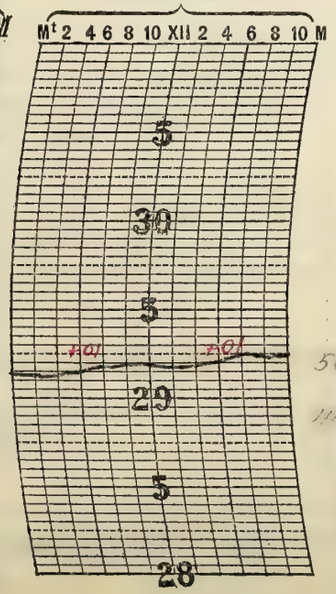
Reduced barometer, 30.11 a. m., 30.17 p. m.

River gage, 7.7 ft.

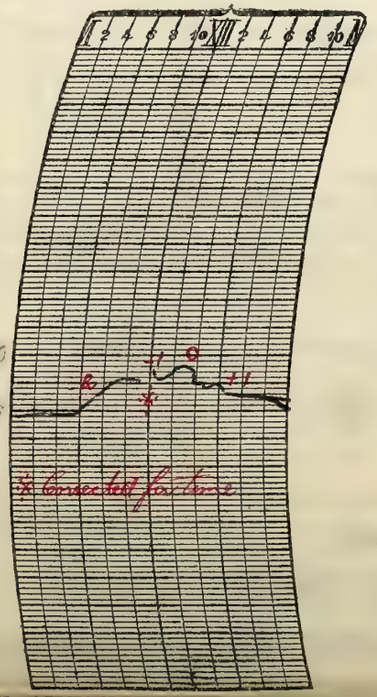
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

First warning received at 9:38 am
It was telephoned to all interested persons.

Prepared by
Verified by H. M. C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY - 7 1917, 191

Time (local standard), 75th mer. — hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	38	39	38	38		43	45	47	48	
State of weather: Nature of precipitation and time of beginning and ending				RB E DNR								
Amounts of precipitation				0.1								
Cloudiness and other conditions		?	Cloudy									
Sunrise: Time, Character	4:33 Cloudy											
Sunshine (in tenths of hours)		✓		✓	0	0	0	0	0.2	0.2	0	0.2
Wind direction	N	N	N	N	N	N	N	N	N			
Wind movement	2	3	3	6	4	7	8	10	11	13	13	10
Maximum velocities (exceeding 35 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	52	51	51	48		45	45	45	43	42
State of weather: Nature of precipitation and time of beginning and ending	RB 12:27 RE 12:34	✓		RB 3:05 RE 3:16	✓							
Amounts of precipitation	T			T								
Cloudiness and other conditions				×	Partly				×	Clear		
Sunset: Time, Character									6:43 Cloudy			
Sunshine (in tenths of hours)	0	0.1	0.9	0	0	0	0			✓		
Wind direction				N	N	N	NW	NW	NW	NW	NW	NW
Wind movement	10	9	9	9	8	9	4	4	5	3	3	2
Maximum velocities (exceeding 35 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
52	38	45	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, — inches.

Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, — Moon phase, ✓

Average daily cloudiness (0-10), ✓

Actual sunshine, hours, 1.6 ✓

Possible sunshine, hours, 14.2 ✓

Percentage of possible sunshine, 11 ✓

Prevailing direction, ✓

Total movement, ✓

Average hourly velocity, ✓

Maximum velocity, 12 Direction, NE Time. Began 11:00 am ✓

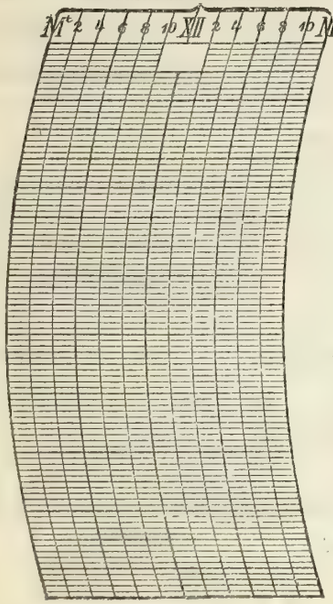
Extreme velocity, 12 - NE ✓

Relative humidity, 7 a. m., 94; 12 p. m., 49; 7 p. m., 61 ✓

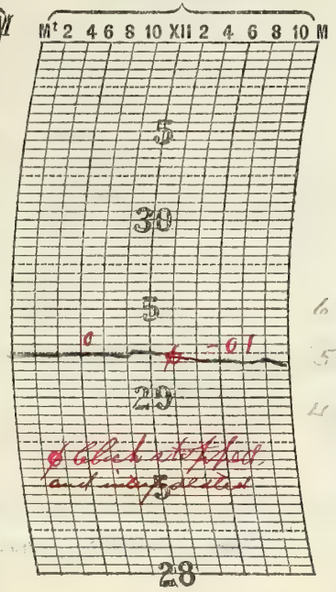
Reduced barometer, 30.21 a. m. ✓ 30.15 p. m. ✓

River gage, ✓

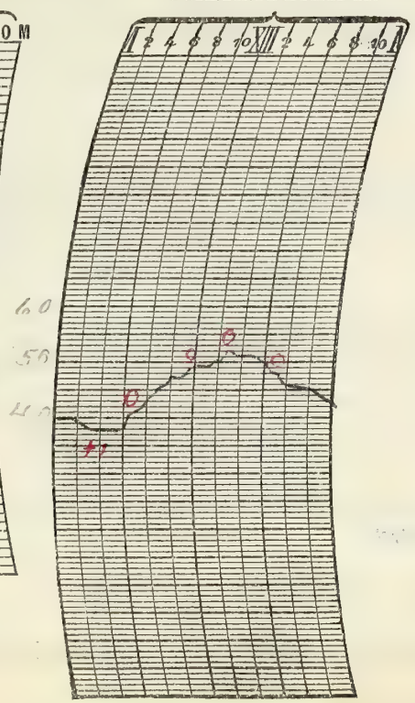
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by F. M. D.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY - 8 1917, 191

Time (local standard), ____ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	39	39	39	39		51	53	54			47	48	51	50	52	50		44	42	40	39	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Pt Cloudy						Clear		Clear			Cloudy				Pt Cldy							
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	1.0	0.3	0	0.2	0.9	0.1	0.2	0	.13					
Wind direction	NW	NW					SW	NW								NW	NW	NW	NW					
Wind movement	4	3	3	2	3	4	4	3	5	7	9	12	16	15	13	14	13	16	12	5	9	9	11	5
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, ____ Character, Clouds

Sunset: Time, 6:44 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	54	37		

Total depth of snow for 24 hours ending ____ p. m., 0 inches.

Snow on ground ____ p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, T inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.4

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 36

Prevailing direction, NW

Total movement, 402

Average hourly velocity, 17

Maximum velocity, 23 Direction, NW Time. Began 12:12 pm

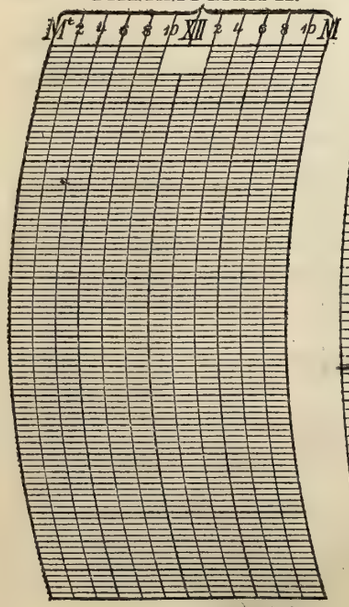
Extreme velocity, 24 — NW — 12:12 pm

Relative humidity, 7 a. m., 72; 12 p. m., 52; 7 p. m., 46

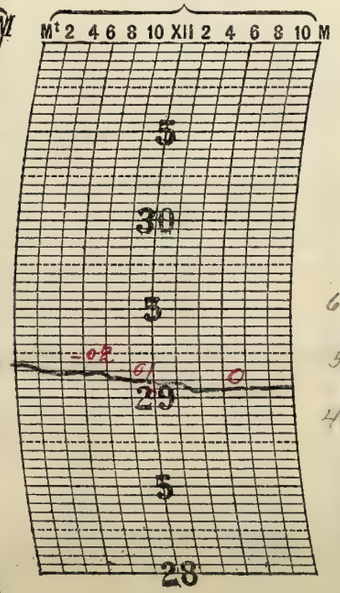
Reduced barometer, 30.06 a. m., 29.95 p. m.

River gage, 6.0

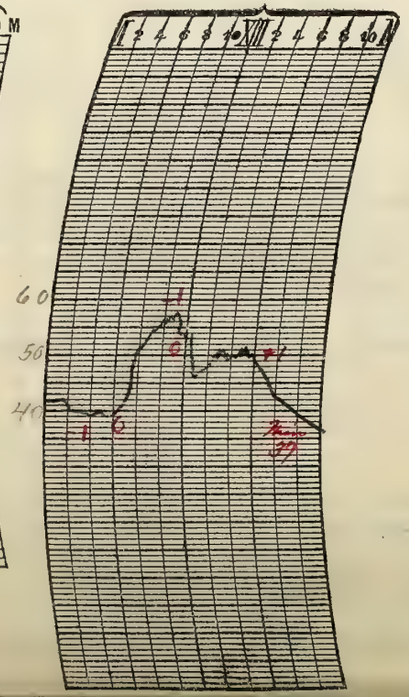
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by PMGO.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY - 9 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	35	34	33	34	36		40	46	47	47	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Partly Cloudy						Cloudy				
Sunshine (in tenths of hours)					0	0	0	0.1	0	0	0	0
Wind direction	NW	NW			NW	NW	NW				NW	
Wind movement												
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	53	52	53	52		48	46	44	42	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Partly Cloudy					Clear					
Sunshine (in tenths of hours)	0.6	0.5	0.8	0.9	0.8	0.8	0.25					
Wind direction	NW	NW	NW	NW	NW		NW	NW	NW	NW	NW	
Wind movement	10	10	12		12		0	5	7	6	4	
Maximum velocities (exceeding ____ miles) direction and time												

Sunrise: Time, 4:52; Character, Clear.

Sunset: Time, 6:45; Character, Clear.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	33	43	

Total depth of snow for 24 hours ending 1 p. m., 0 inches.

Snow on ground 2 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 2 a. m., 0 ins.; to 2 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy. Moon phase, ____

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 5.8

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 55

Prevailing direction, NW

Total movement, 186

Average hourly velocity, 8

Maximum velocity, ____ Direction, NW Time. Began ____

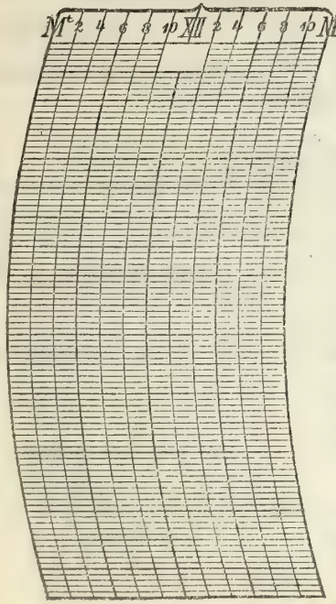
Extreme velocity, 18 — NW — 2 p.m.

Relative humidity, 2 a. m., 82; 2 p. m., 44; 8 p. m., 60

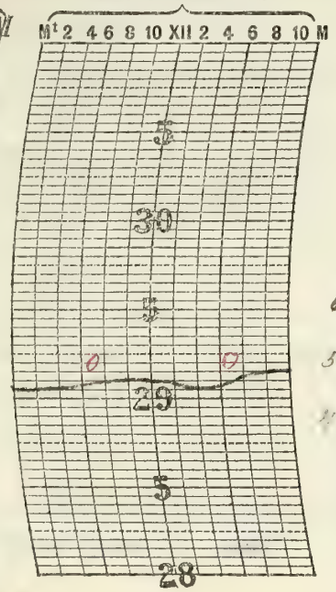
Reduced barometer, 30.03 a. m., 30.03 p. m.

River gage, 5.75

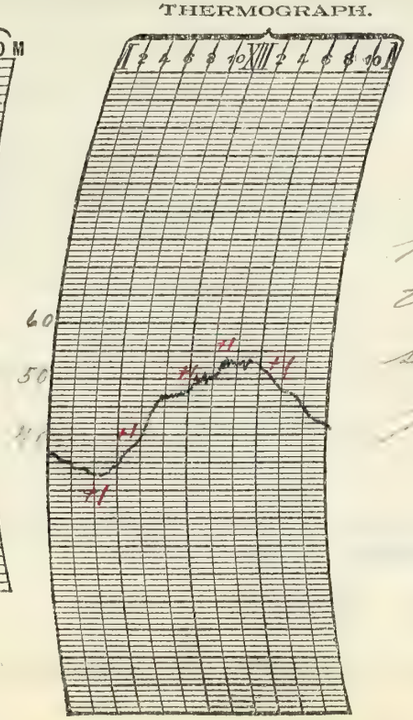
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy frost occurred this morning. The day as a whole was partly cloudy and while the temperatures were low the sunshine was warm and pleasant.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 10 1917, 191

Time (local standard), ____ mer. ____ hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	36	37	[illegible]	48	51	54	54	4	57	58	58	58	58	57	[illegible]	54	50	48	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																		Clear					
Sunrise: Time, Character,	4:48 Clear																				Sunset: Time, 6:44 Character, Clear			
Sunshine (in tenths of hours)		1			.53 0	1.0 0	0.2 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.9 .77 0				1		
Wind direction	N	NW	NW	NW	NW	NW	NW	N	NW	W	W	NW	W	[illegible]					NW		[illegible]	[illegible]	[illegible]	[illegible]
Wind movement	4	4	4	2	3	2	6	3	4	6	6	5	3	2	2	2	4	9	6	5	8	5	4	4
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	60	36	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 13.0

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 90

Prevailing direction, ____

Total movement, 122

Average hourly velocity, ____

Maximum velocity,	Direction,	Time.
12	W	Began 1:25 pm

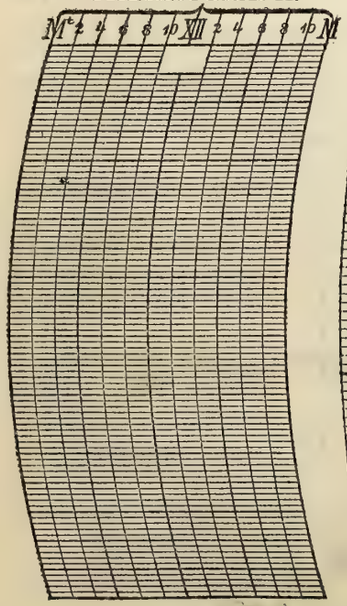
Extreme velocity, 12 W

Relative humidity, 7 a. m., 100; 7 p. m., ____; ____ p. m., ____

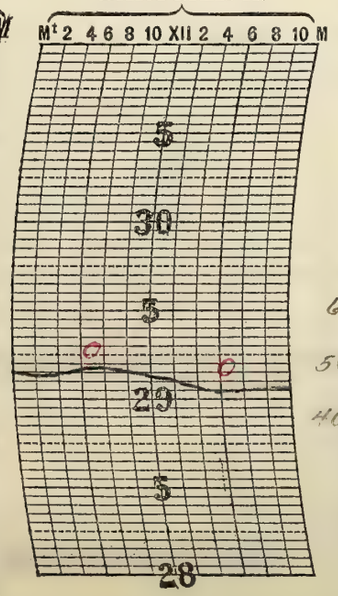
Reduced barometer, 30.11 a. m., 29.[illegible] p. m.

River gage, 5.4 ft.

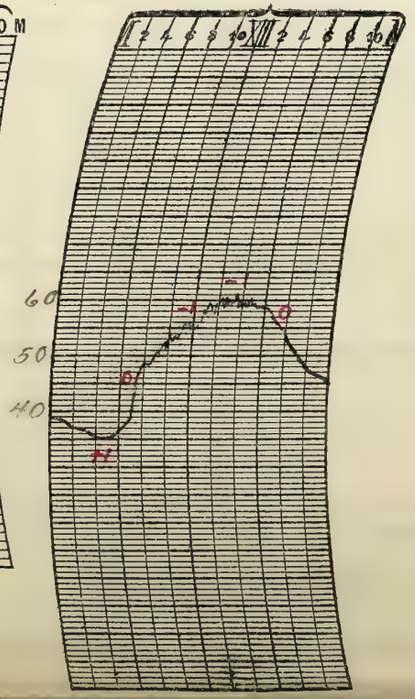
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost occured this a.

Prepared by

Verified by LMCD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 11 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	42	42	40	39	38		46	50	52	53		56	54	53	52	50	45		44	43	41	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.1	0	0.8	0.7	0.8	0.4	0.6	0	0	0					
Wind direction	NW															N								
Wind movement	5					5															0			
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, ____ Character, ____

Sunset: Time, ____ Character, ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	38	47	

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction, NW

Total movement, ____

Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. Began ____

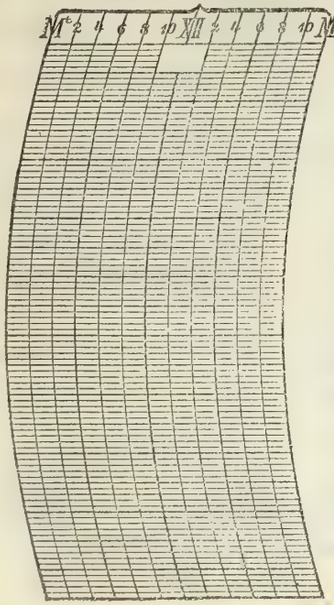
Extreme velocity, 27 NW ____

Relative humidity, ____ a. m., ____; ____ p. m., ____; ____ p. m., ____

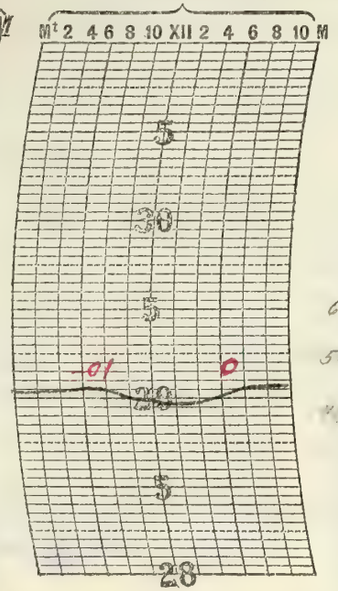
Reduced barometer, ____ a. m., ____ p. m.

River gage, ____

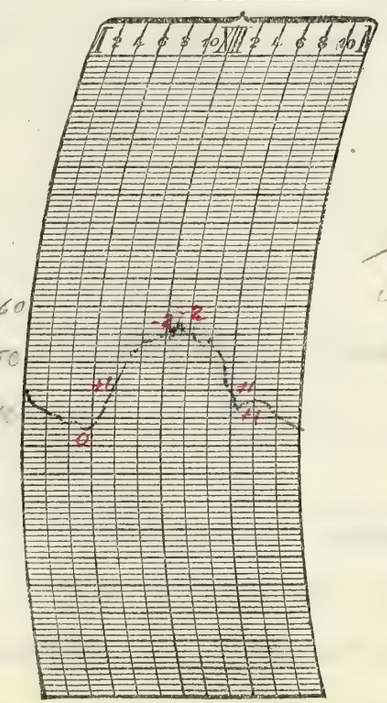
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day as a whole was partly cloudy and [illegible] warm a light rain [illegible]

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 12 1917, 191

Time (local standard), ____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	37	36	35	35	36		44	48	49	51		52	53	54	54	53	52		50	46			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear								Partly Cloudy								Partly Cloudy			Cloudy				
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	0.6	0.2	0.3	0.1	0	0	0	0	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, ____ Character, ____

Sunset: Time, 6.50 Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	35		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 11 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.15 ins.; to 7 p. m., ____ ins.

Total precipitation, midnight to midnight, 1.15 inches.

Character of day, Partly Cloudy Moon phase, ✓

Average daily cloudiness (0–10), 6.0 ✓

Actual sunshine, hours, 2.5 ✓

Possible sunshine, hours, ____

Percentage of possible sunshine, ____ ✓

Prevailing direction, NW ✓

Total movement, ____

Average hourly velocity, 8.2 ✓

Maximum velocity, 14 Direction, NW Time. Began 12:20 pm ✓

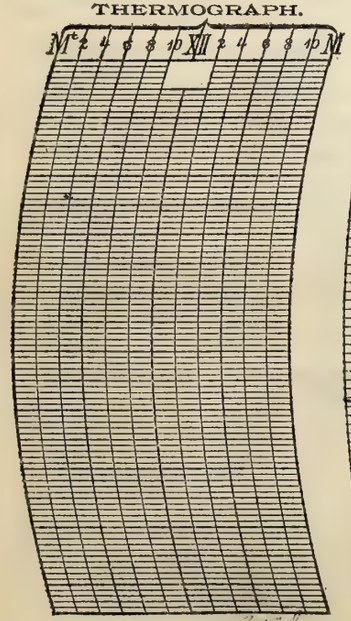
Extreme velocity, ____ ✓

Relative humidity, ____ a. m., ____; ____ p. m., ____; ____ p. m., ____

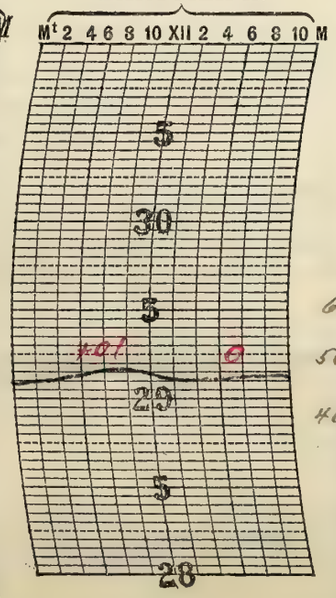
Reduced barometer, ____ a. m. ✓ ____ p. m.

River gage, ____ ✓

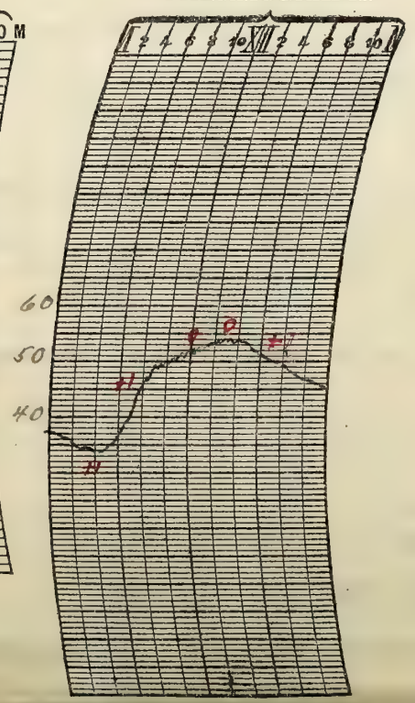
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Fair beginning and ending [illegible]

Generally fair & warmer and cool today with Strato-Cumulus clouds [illegible]

Prepared by [illegible]

Verified by [illegible]

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 13 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	43	43	42	42	42		46	50	51	53		56	54	56	55	55	56		50	48	47	45	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy										Cloudy									
Sunrise: Time, 4:35 Character, Clear																					Sunset: Time, 6:50 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0	0.4	0.4	0.2	0.2	0	0.4	0	0.1	0.1	0	0					
Wind direction	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	N	N
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	42		

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 1.0

Possible sunshine, hours, ____

Percentage of possible sunshine, 12

Prevailing direction, N

Total movement, 28.6

Average hourly velocity, 0.4

Maximum velocity, 17 Direction, N Time. Began 10:00 pm

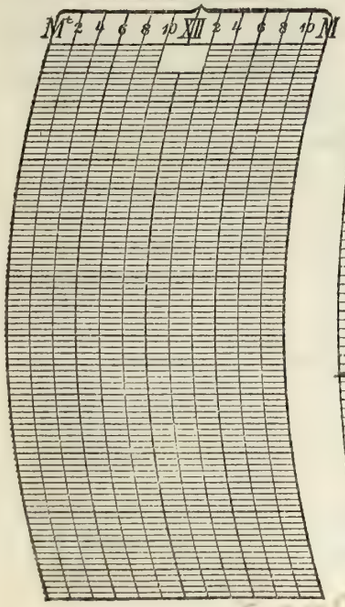
Extreme velocity, 17—N

Relative humidity, ____ a. m., ____; ____ p. m., ____; ____ p. m., ____

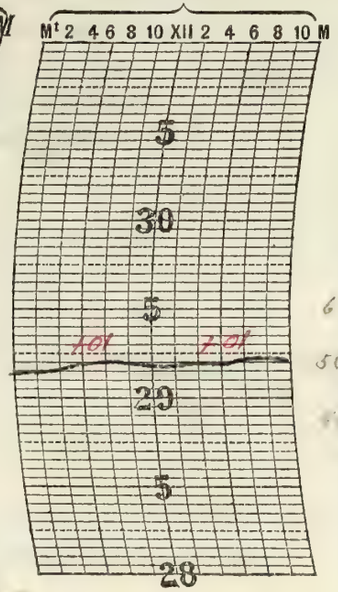
Reduced barometer, 30.11 a. m. 30.12 p. m.

River gage, 3.8

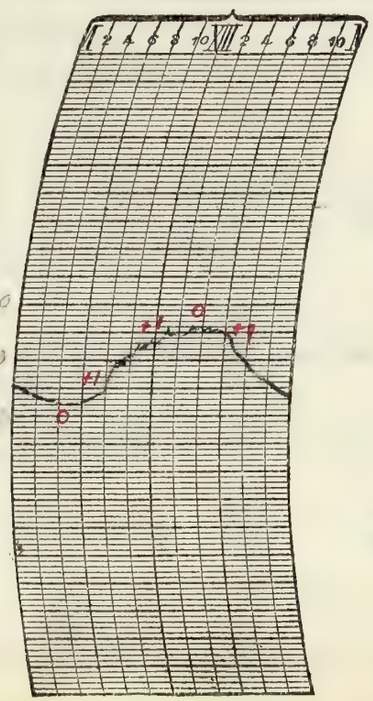
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sun shining from 10:14 am

It was dispersed by telephone

It all entered the gauge

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 14 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	41	41	39	39	42		53	56	59	60		65	62	66	66	62	61		57	55			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear											Partly					Clear			
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.4	0	0					
Wind direction	NW						N						N	N					NW	NW		NW		
Wind movement	6	8	5	6	7	6	6	8	10	13	14	12	11	11	12	13	13	12	11	11	9	8	9	8
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 4:24 Character, Clear

Sunset: Time, 6:57 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 11.2

Possible sunshine, hours, 14

Percentage of possible sunshine, 81

Prevailing direction, ____

Total movement, 222

Average hourly velocity, 9.5

Maximum velocity, 16 Direction, N Time. Began 4:03 pm

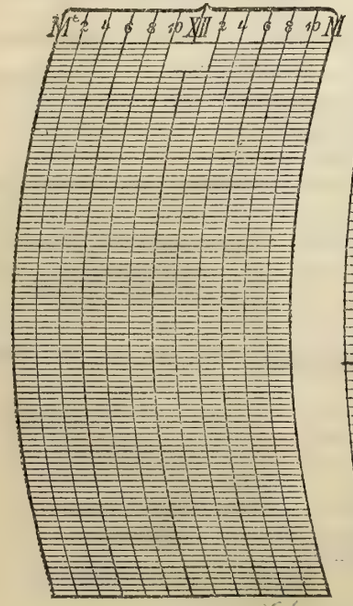
Extreme velocity, 17 – N 4:03

Relative humidity, 7 a. m., 55; 12 m., 2; 7 p. m., 40

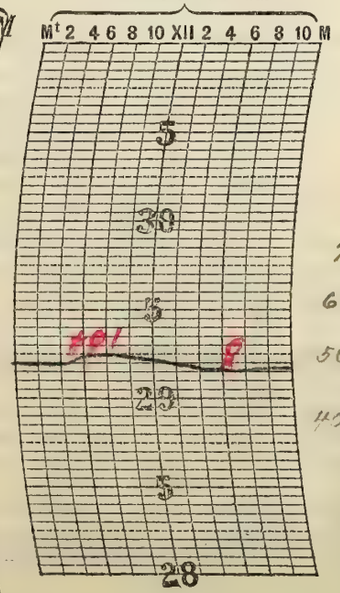
Reduced barometer, 30.15 a. m. 30.10 p. m.

River gage, ____

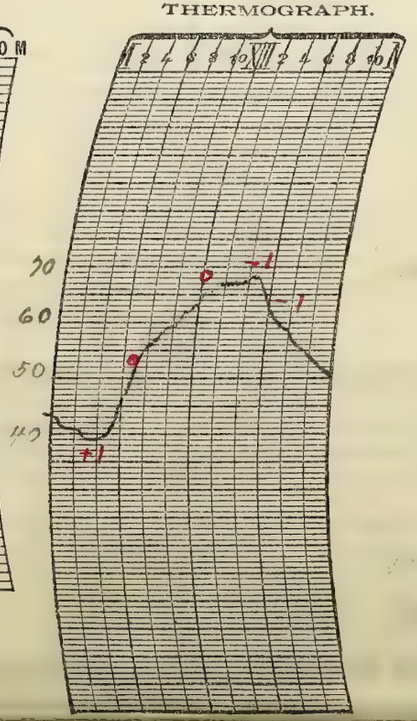
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light frost occurred

a warm and very pleasant day with an abundance of

Prepared by C. A. S.

Verified by P. M. O.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 15 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	48	48	48	50	56	62	67	70	72	73	72	72	70	69	68	67		62	60	59	59	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Partly		Cldy					Partly				
Sunrise: Time, 4:23 Character, Clear																					Sunset: Time, 6:52 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0	0	0					
Wind direction	NW	NW	NW	N	N	NW	NW	NW	NW	NW	W	W	W	W	W	NW				SW	SW	SW		
Wind movement	8	8	9	7	6	6	5	6	3	4	7	11	15	15	12	12	9	9	7	8	10	9	9	10
Maximum velocities (exceeding 60 miles) direction and time																								

Sunrise: Time, 4:23 Character, Clear. Sunset: Time, 6:52 Character, Clear.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			.62	1.0	0.7															

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	48	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., ____ inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 7.4

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 65

Prevailing direction, ____

Total movement, 204

Average hourly velocity, 8.6

Maximum velocity, 17 Direction, NW Time. Began 12:55 pm

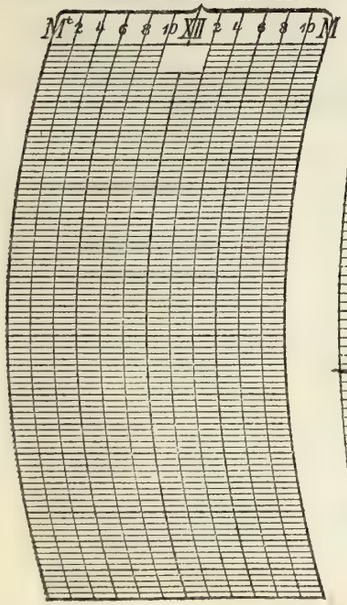
Extreme velocity, 15

Relative humidity, 7 a. m., 62; 2 p. m., ____; 7 p. m., ____

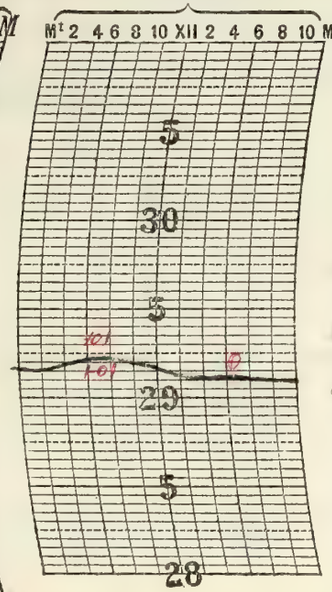
Reduced barometer, 30.15 a. m. 30.10 p. m.

River gage, ____

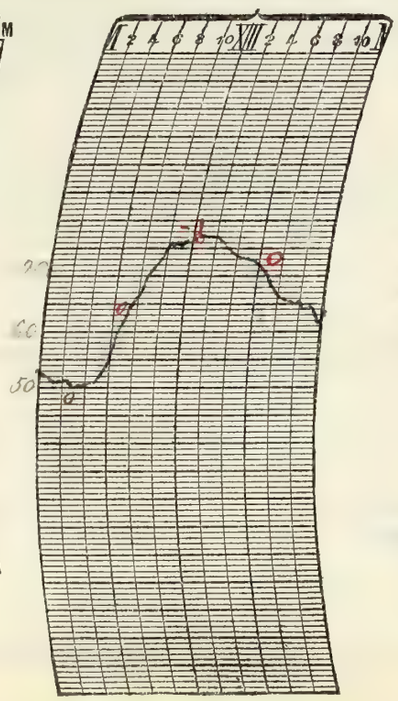
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

6—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 16 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	58	56	56	[illegible]	[illegible]	64	65	72	74		77	78	79	79	79	78		71	67	67	64	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?					clear																		
Sunrise: Time, 4:22; Character, Clear																								
Sunset: Time, 6:58; Character, Clear																								
Sunshine (in tenths of hours)		1		1	0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0			1		
Wind direction	W	W	W	W	W	W		W		W	W	W	W	W	W	W	W	W	W	W			S	
Wind movement					12	12	12						12	12	12									
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	56	67	

Total depth of snow for 24 hours ending — p. m., 0 inches.

Snow on ground — p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 11.2

Possible sunshine, hours, 15.5

Percentage of possible sunshine, 72

Prevailing direction,

Total movement,

Average hourly velocity,

Maximum velocity, 27 Direction, W Time. Began 1:22 pm

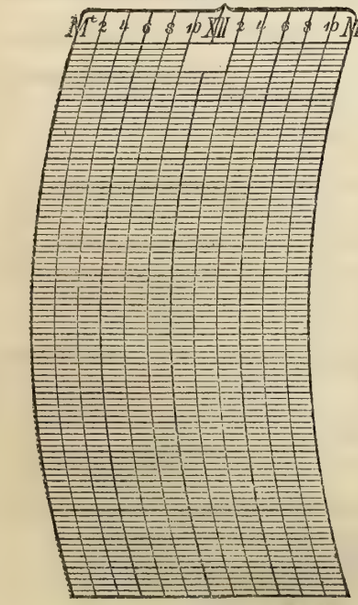
Extreme velocity, 27 — W — 1:22 pm

Relative humidity, 7 a. m., 50; 12 p. m., [illegible]; 7 p. m., 41

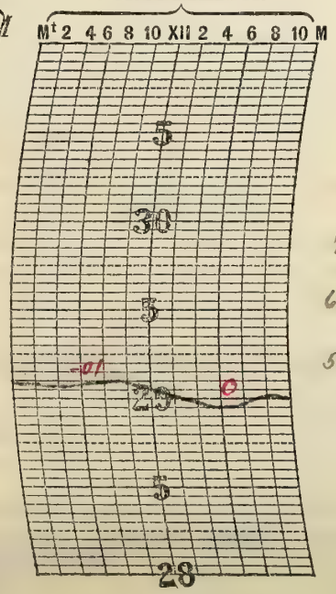
Reduced barometer, 29.99 a. m. 29.66 p. m.

River gage,

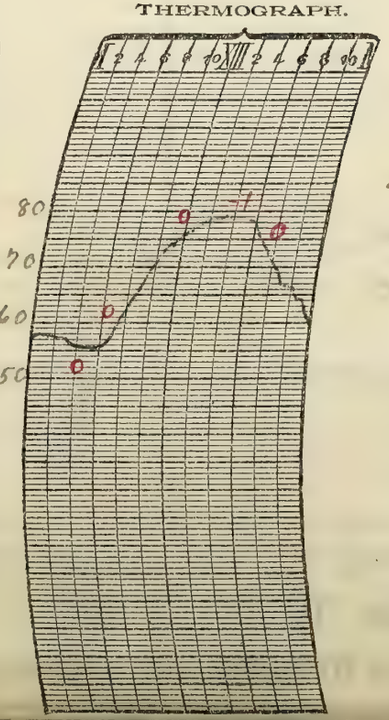
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The haze of yesterday throughout the night giving the sun a fiery appearance [illegible]

Prepared by [illegible]
Verified by P. M. L.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 17 1917, 191

Time (local standard), ___ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	55	55	55		65	72	76	78	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, 4:31 Character, Clear					.65	1.0	1.0	0.1				
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	1.0	1.0
Wind direction	SW	SW			SW	SW	SW	SW	SW			
Wind movement	10	10	11	9		10			15			
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	82	83	83	82	81	78	75	72	71	70	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear						Partly Cloudy					
Sunset: Time, 6:53 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	16	18	21	18	15	11	13	11	12	12	12
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	55	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ___ a. m., ___ ins.; to ___ p. m., ___ ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ___

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 12.4

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 86

Prevailing direction, SW

Total movement, 290

Average hourly velocity, 12.5

Maximum velocity, 28 Direction, SW Began 2:20 pm

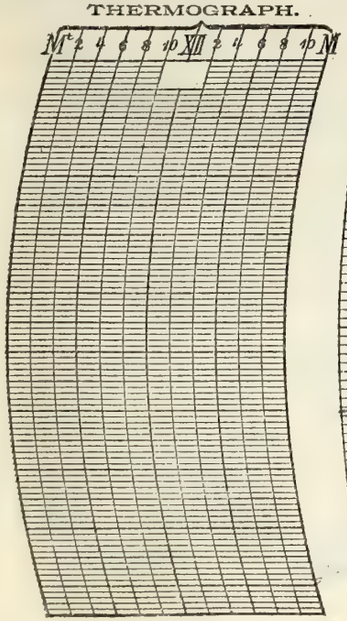
Extreme velocity, 22 W 2:20 p.

Relative humidity, ___ a. m., ___; ___ p. m., ___; ___ p. m., ___

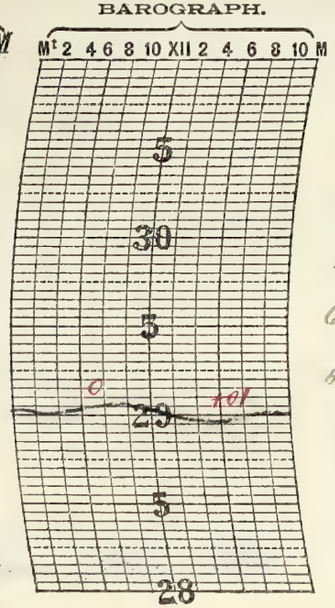
Reduced barometer, 29.95 a. m., 29.77 p. m.

River gage, ___

THERMOGRAPH.



BAROGRAPH.



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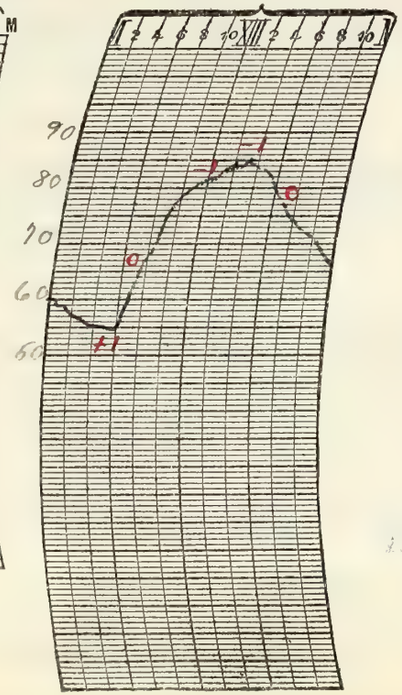


NOTES.

The day was clear and warm, the temperature being the highest recorded this season.

Light haze during the first half of day.

Prepared by [illegible]

Verified by [illegible]

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 18 1917, 191

Time (local standard), 75th meridian. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	62	61	60	61	[illegible]	69	72	76	80	83
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?				Clear							
Sunrise: Time, Character,	4:20, Clear											
Sunshine (in tenths of hours)		✓			0	0	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	9	9	9	10	9	9	12	13	13	11	9	10
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	84	84	70	69	67	67	66	65	64	64
State of weather: Nature of precipitation and time of beginning and ending						4:18 4:18 5:18 4:18 5:30 4:18 6:55	4:18 6:20					
Amounts of precipitation						T	T					
Cloudiness and other conditions		×	Partly			Cloudy						
Sunset: Time, Character,									6:54, Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0	0	0					
Wind direction	SW	SW	SW	SW	NE	N	N	SE	S	S	S	S
Wind movement	8	10	13	11	16	7	4	5	7	7	9	9
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
83	50	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 11.4

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 78

Prevailing direction, SW

Total movement, 231

Average hourly velocity, 9.6

Maximum velocity,	Direction,	Time.
22	N	Began 4:14 pm

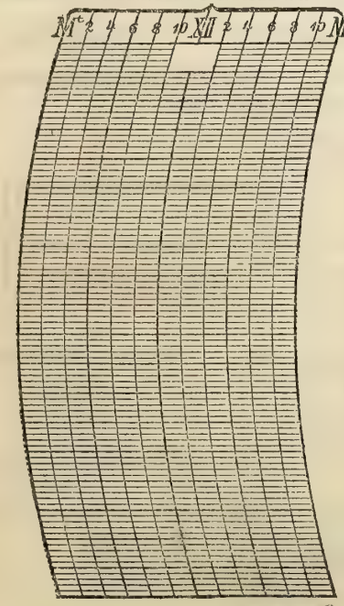
Extreme velocity, 22 N 4:14 pm

Relative humidity, 7 a. m., 56; 12 m., 35; 2 p. m., 64

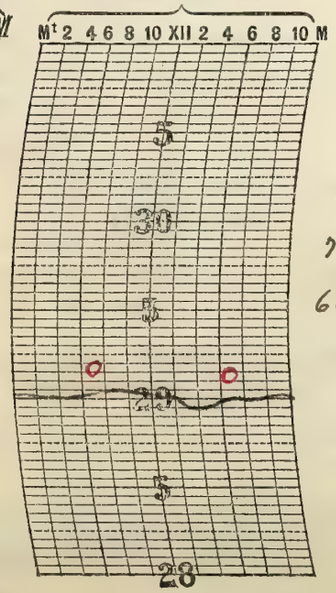
Reduced barometer, 29.93 a. m., 29.94 p. m.

River gage,

THERMOGRAPH.



BAROGRAPH.



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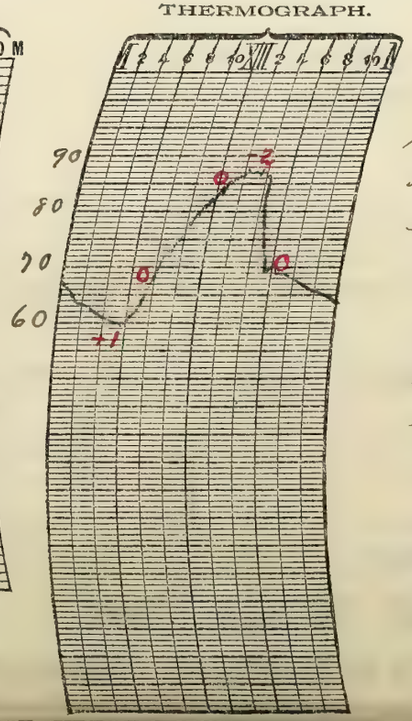


NOTES.

Day generally clear and warm but with increasing cloudiness in the afternoon; threatening in the evening with light thundershowers and a moderate fall in temperature. First thunder heard at 5:00 pm; last thunder heard at 6:20 pm; storm came from the north.

Prepared by [illegible]
Verified by P. McD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 19 1917, 191

Time (local standard), 0 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	63	64	68	71	76	77	80	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear									Partly Cloudy		
Sunrise: Time, Character,	4:19 Cloudy											
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	S	SW
Wind movement	8	11	12	15	7	9	11	13	16	16	12	20
Maximum velocities (exceeding 32 miles) direction and time												
Total duration. From—												
Total duration. To—												
Total amount of precipitation.												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	84	85	85	84	82	81	78	66	66	64	64
State of weather: Nature of precipitation and time of beginning and ending									PB 8:33	RE 9:23	8:20 1:20 1:35 2:45 3:49 4:55 5:40 10:30 11:20 12:05	
Amounts of precipitation									.01	.04	.12	.21
Cloudiness and other conditions			Clear				Partly Cloudy					
Sunset: Time, Character,									6:55 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	N	W
Wind movement	24	23	27	28	26	23	16	19	18	8	6	12
Maximum velocities (exceeding 32 miles) direction and time			31 SW 2:53	32 SW 3:52	31 SW 4:33			35 NW 7:48				
Total duration. From—												
Total duration. To—												
Total amount of precipitation.												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 11.5

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 79

Prevailing direction, SW.

Total movement, 382

Average hourly velocity, 15.9

Maximum velocity, 38 Direction, NW Time. Began 7:48pm

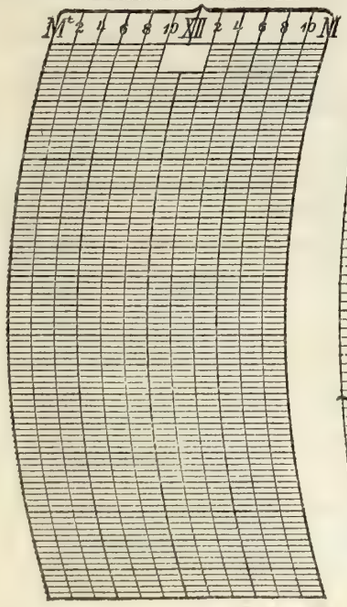
Extreme velocity, 52 NW 7:45 p

Relative humidity, 7 a. m., 62; 12 p. m., ; p. m., ; p. m.,

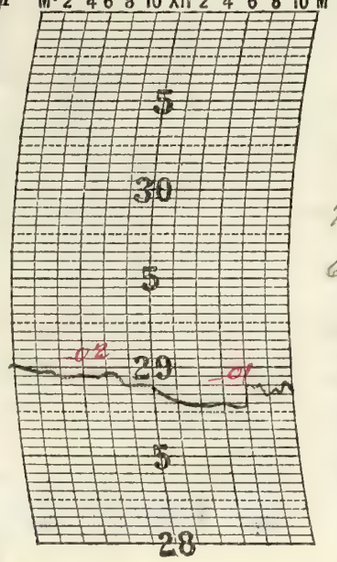
Reduced barometer, 29.84 a. m. 29.60 p. m.

River gage,

THERMOGRAPH.



BAROGRAPH.



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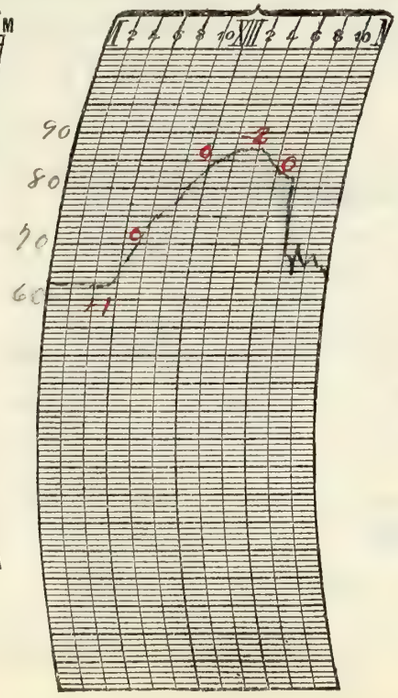


NOTES.

Thunderstorm; first thunder heard at 8:30 pm; last during night. The storm moved from the southwest and was attended by moderate rainfall, sharp lightning and a small amount of hail.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 20 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	63	63	62	63	65	69	71	73	74	[illegible]
Nature of precipitation and time of beginning and ending			HE									
Amounts of precipitation	.02	.03	T									
Cloudiness and other conditions	Cloudy	?			Clear						Clear	Cloudy
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	W	NW	W	W			NW	N	NE	NE	NE	
Wind movement	16	8	8	10	7	5	4	5	5	5	7	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	76	76	75	70	[illegible]	62	58	56	55	54	53
Nature of precipitation and time of beginning and ending										RB 9:15 HE		
Amounts of precipitation										T		
Cloudiness and other conditions								Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	[illegible]	[illegible]	[illegible]					
Wind direction	E	E	NE	NE	NE	NE		E	E	E		
Wind movement	6	[illegible]	5	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sunrise: Time, 4:18; Character, Clear

Sunset: Time, 6:56; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
78	53	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .38 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Pt Cloudy Moon phase, [illegible]

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 12.3

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 84

Prevailing direction, NE

Total movement, [illegible]

Average hourly velocity, 10.5

Maximum velocity, 23 Direction, NE Began 8:27 pm

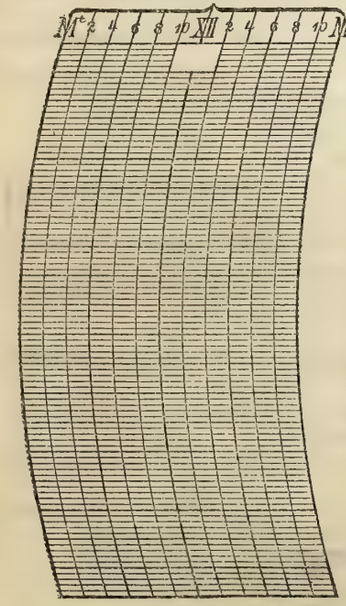
Extreme velocity, 24 NE 8:27 pm

Relative humidity, 7 a. m., 82; 12 m., [illegible]; 7 p. m. 81

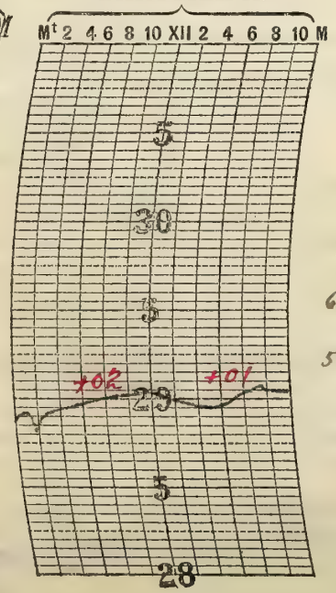
Reduced barometer, 29.90 a. m. 29.84 p. m.

River gage, 5.7 ft.

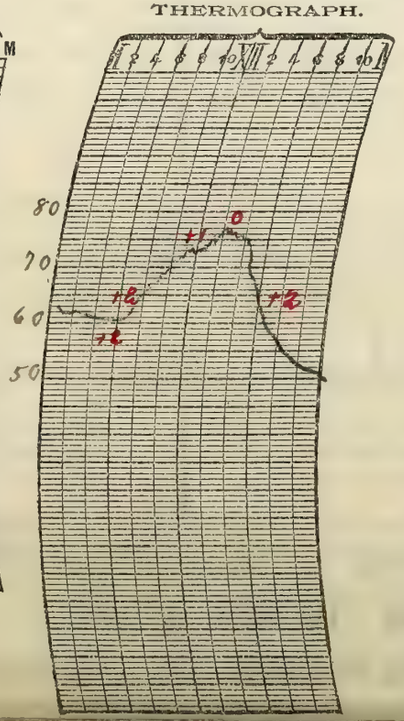
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:— First thunder heard at 9:30 pm; last heard at 10:30 pm; the storm moved from the west

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 21 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	50	50	49	47	48	49	52	54	56	60	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4:28; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.2	0.5
Wind direction	E	E	E	NE	E	E	E	E	E	E	E	E
Wind movement	12	10	12	5	13	15	12	14	15	14	13	12
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	60	54	55	54	51	49	48	47	46	45	45
State of weather: Nature of precipitation and time of beginning and ending	RB 12:26 RE 12:39		RB 2:55	RE 3:42				RB 7:35				
Amounts of precipitation	T		0.1	0.1				T	.08	.15	.41	.36
Cloudiness and other conditions					Cloudy							
Sunset: Time, 6:52; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	14	13	17	11	17	16	13	16	14	14	14	7
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	45	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 1.01 ins.

Total precipitation, midnight to midnight, 1.01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 1.0

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 7

Prevailing direction, E

Total movement, 327

Average hourly velocity, 13.6

Maximum velocity, 20 Direction, E Time. Began 2:03 p.m.

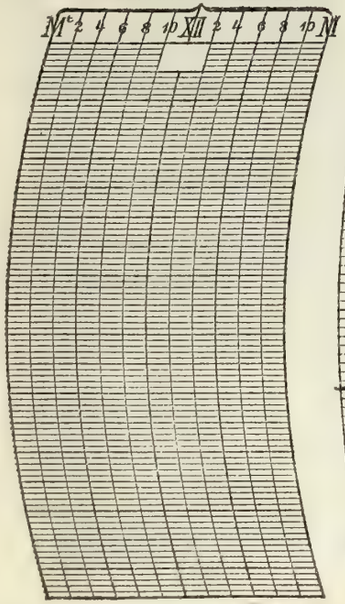
Extreme velocity, 20 E 2:03 p.m.

Relative humidity, 7 a. m., 88; 10 p. m., 77; p. m.,

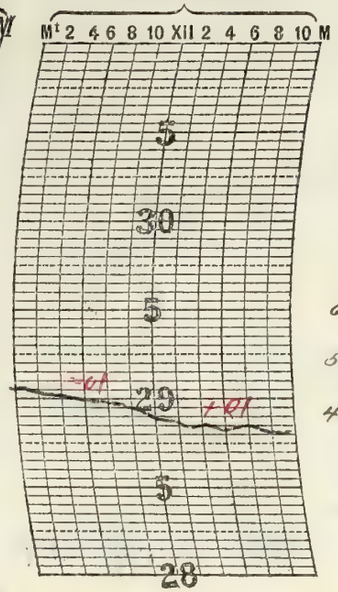
Reduced barometer, 29.72 a. m., 29.71 p. m.

River gage, 6.4 ft.

THERMOGRAPH.



BAROGRAPH.



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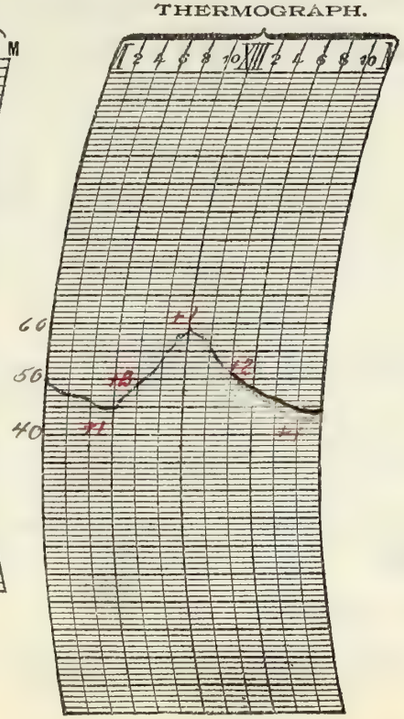


NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 22 1917, 191

Time (local standard), ____ mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	45	46	47	48	50	50 RE 6:50	51	56	67	63 RE 9:20 RE 10:42 RB 10:57	2 RE 11:10 RB 11:54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.18	.12	.04	.05		.02	.01				.13	
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4:1 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0.6	0.8	0
Wind direction	NE	E	E	E	NE	E	NE	E	SE	SW	SW	W
Wind movement	11	14	11	13	15		1		4	17	13	
Maximum velocities (exceeding 07 miles) direction and time											34 SW	

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	52	48	44	41	39	38	37	37	37 RE 10:00
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.05	.32	.07	.18	.03	.01	.02	T	T	T	.01	
Cloudiness and other conditions					Cloudy							
Sunset: Time, 6:58 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	W	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	6	6	17	14	12	8	4	12	8	13	7
Maximum velocities (exceeding ____ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	37	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., 1.26 ins.; to 7 p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10), 6.0

Actual sunshine, hours, 4.4

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 10

Prevailing direction, NW

Total movement, 515

Average hourly velocity, 13.0

Maximum velocity,	Direction,	Time.
34	SW	Began 10:29 am

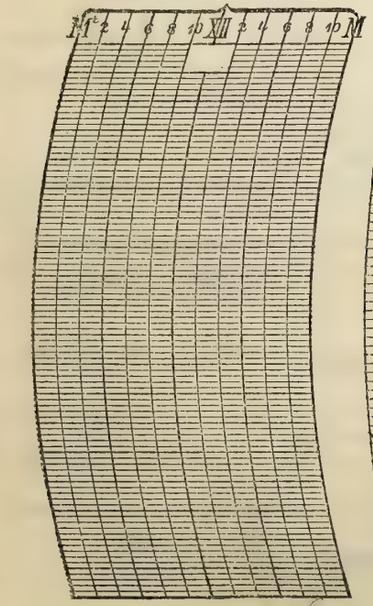
Extreme velocity, 37 — SW — 10:28 am

Relative humidity, 7 a. m., 96; 12 p. m., 73; 7 p. m., 100

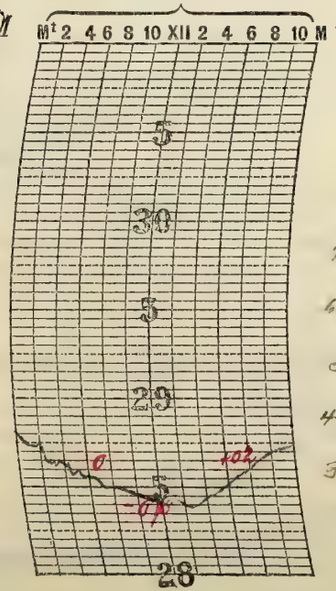
Reduced barometer, 29.43 a. m., 29.50 p. m.

River gage, ____

THERMOGRAPH.



BAROGRAPH.



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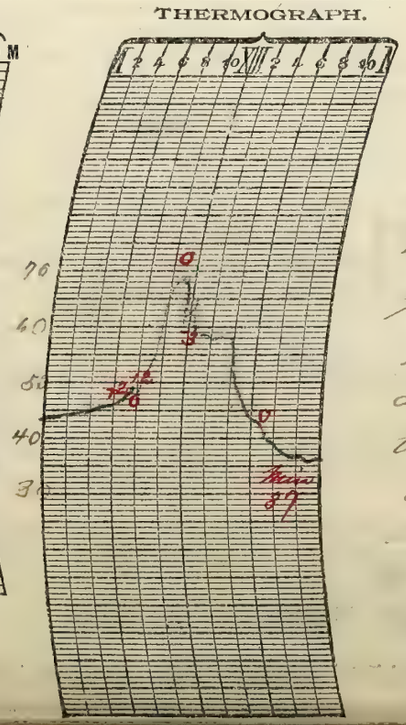


NOTES.

A dark gloomy day with rain. It was so dark during the greater part of the day that it necessitated the use of artificial light for the performance of indoor work. Thunderstorm; First thunder heard at 11:49 am; last heard at 2:10 pm; the storm moved from the southwest and was attended by considerable rain.

Prepared by ____

Verified by PMC.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 23 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	36	36	36	37	38	41	43	45	48	49	50	51	50	51	51	50	50	49	47	46	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Partly Cloudy										Cloudy				Partly Cloudy		Clear			
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0					
Wind direction	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	17	18	18		17	16	17	18	21	25	20	20	23	22	20		18	12	8		7	10	13	12
Maximum velocities (exceeding 20 miles) direction and time													30 W 12:03											

Sunrise: Time, 4:16 Character, Cloudy

Sunset: Time, 6:59 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	51	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.7

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 52

Prevailing direction, W

Total movement, [illegible]

Average hourly velocity, 16.0

Maximum velocity,	Direction,	Time.
30	W	Began 12:03

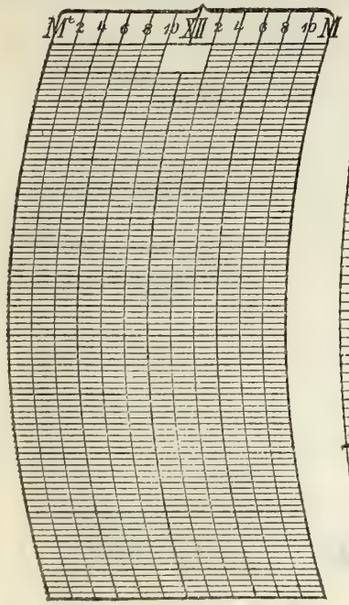
Extreme velocity, 30 W 12:03

Relative humidity, 7 a. m., 72; 2 p. m., 62; ____ p. m., 71

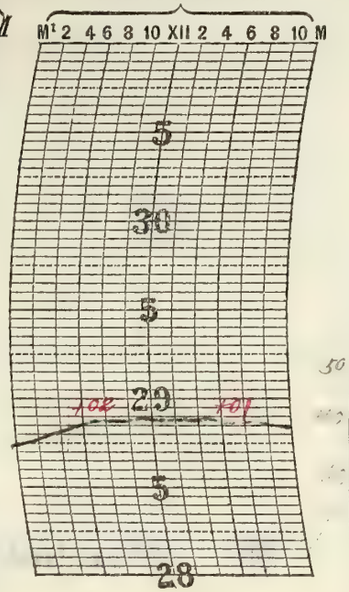
Reduced barometer, 29.83 a. m., 29.80 p. m.

River gage, 12.2 feet

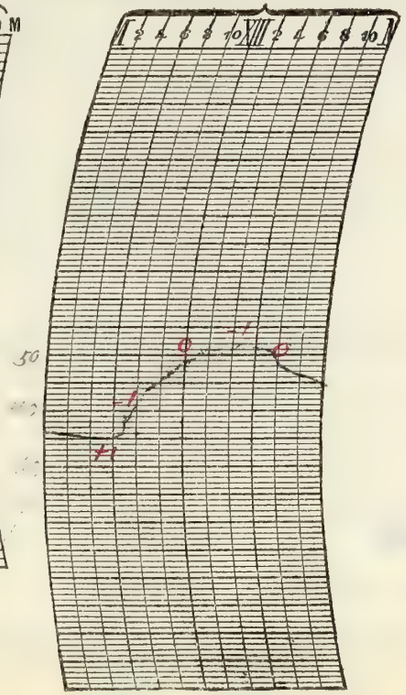
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* For beginnings and endings see [illegible]

a cold shivery day

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 24 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	43	43	42	43	44	46	49	51	53	51	58	59	59	60	58	56	55	53	51	49	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?		Smoky						Clear						x Haze		x Clear							
Sunrise: Time, Character	4:15		Smoky																		Sunset: Time, Character	7:00		Clear
Sunshine (in tenths of hours)		1			0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8 0.2	1.0 0	0.7 0			1		
Wind direction	SW	SW	SW	SW	W	W	W	W			W	W	W	NW	NW	NW	NW	NW	NW		W	W	W	W
Wind movement	12	12	11	13	13	13	14	14	14	18	18	25	25	19	15	7	19	12	0	1	2	1	1	1
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
60	42	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 14.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 74

Prevailing direction, W

Total movement, 409

Average hourly velocity, 13.6

Maximum velocity,	Direction,	Time.
28	W	Began 12:17 am

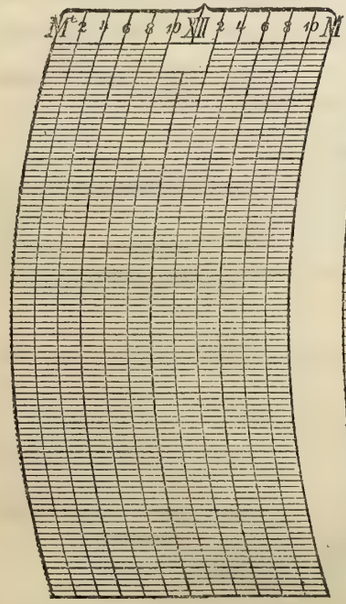
Extreme velocity, 27 — 14 — 19

Relative humidity, 7 a. m., 65; 12 p. m., 31; 7 p. m., 47

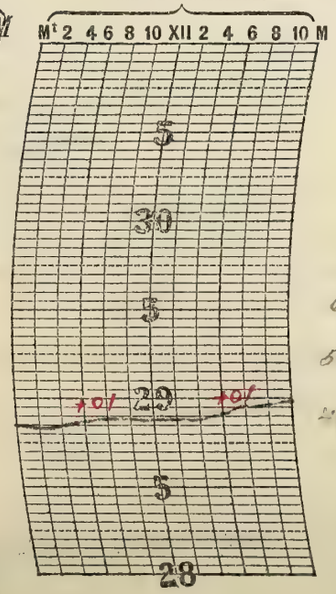
Reduced barometer, 29.81 a. m. 29.89 p. m.

River gage, 10.7 ft.

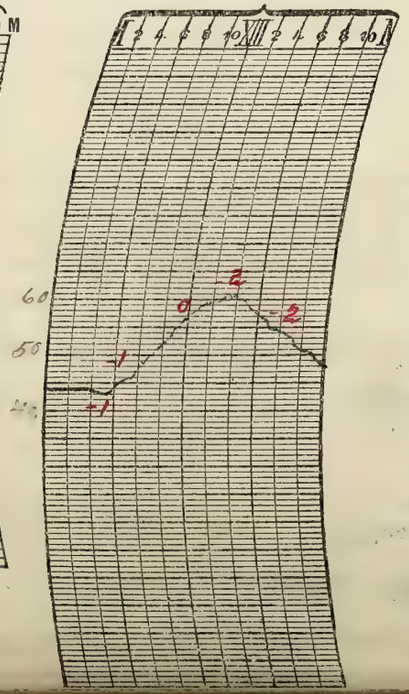
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense smoke covered the sky giving the sun a red appearance this morning till about 8 o'clock

Prepared by C. M.
Verified by F. Mc D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 25 1917, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	44	43	43	45	48	50	53	55	57	61	60	61	62	63	64	63	[illegible]	58	56	54	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear										×	Cloudy	×	Cloudy	Cloudy	Clear	Clear			Cloudy				
Sunrise: Time, 4:15 Character, Clear																					Sunset: Time, 7:01 Character, Clear			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0	0.1	0.8	0.1	0	0				
Wind direction	NW	NW	NW	NW	W	W	NW	N	N	N	N	N	N	N	N	NW	NW	NW	NW	E	SE	SE	S	S
Wind movement	7	7	7	5	7	6	11	15	12	13	10	10	9	7	4	7	7	3	2	3	6	6	7	8
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

6 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 7.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 60

Prevailing direction, NW

Total movement, 129

Average hourly velocity,

Maximum velocity,	Direction,	Time.
27	W	Began 6:30 am

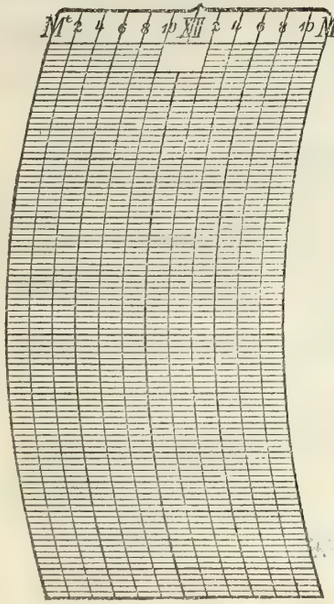
Extreme velocity, 19 N 6:45 am

Relative humidity, 7 a. m., 64; 12 p. m., 40; 7 p. m., 58

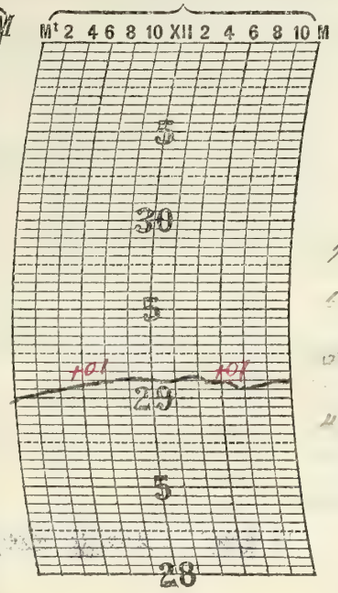
Reduced barometer, 30.00 a. m., 30.08 p. m.

River gage, 8.3 ft

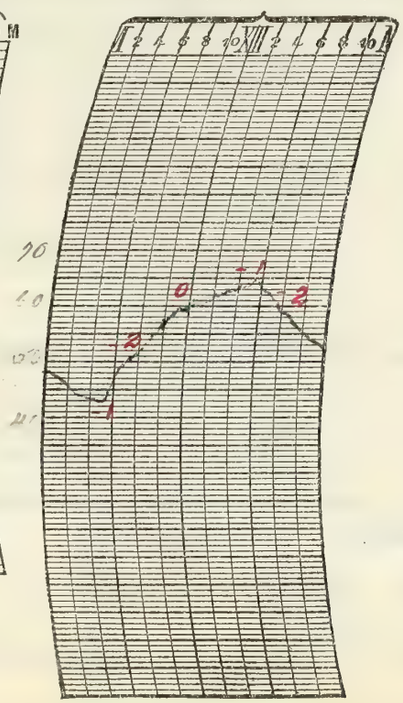
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 26 1917, 191

Time (local standard), 5 mer. — 5 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	50	49 B	50 RE	50	53	55	56	58	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0				0	0	0	0	0.2	0.2	0.5	0.5
Wind direction	S	S	SE	S	S	S	S	SE	SE	SE	SE	SE
Wind movement	4	4	4	10	8	7	7	9	9	11	10	8
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	64 RB 1:15	62	64	64	64 RE 5:30	64	63	61	60	58	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation		T	T	T	.02	.01						
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0.2	0	0	0	0	0	0				
Wind direction	SE	S	S	SE	S	S	S	S	NE	E	NE	E
Wind movement	11	13	10	6	9	7	6	11	6	4	4	4
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 5:00 Character, Clear

Sunset: Time, 8:00 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	66	48	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 1 p. m., .01 ins.

Total precipitation, midnight to midnight, 1 inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 1.6

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 11

Prevailing direction, S

Total movement, 183

Average hourly velocity, 7.6

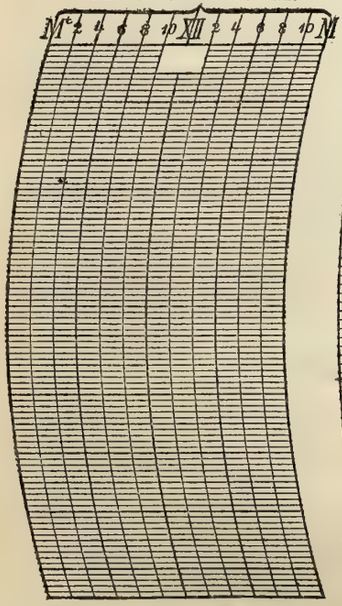
Maximum velocity,	Direction,	Time.
16	S	Began 1:58 pm
Extreme velocity, 17	S	1:58 pm

Relative humidity, 7 a. m., ; p. m., ; p. m.,

Reduced barometer, 29.95 a. m., 29.62 p. m.

River gage, 7.4

THERMOGRAPH.



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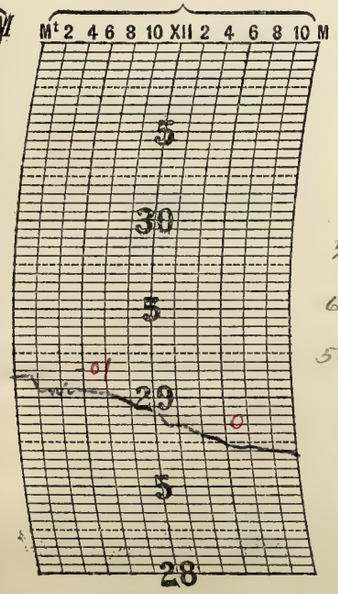
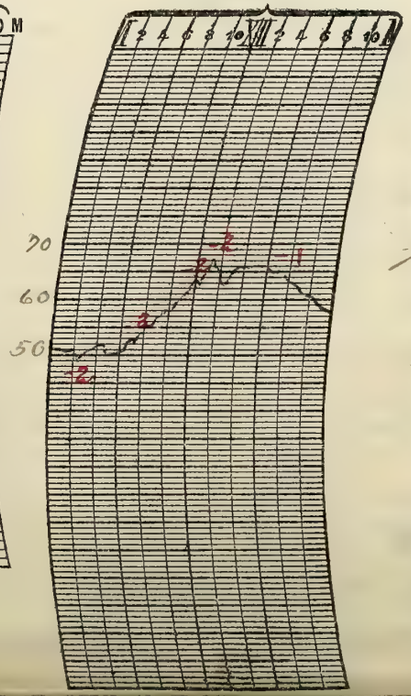


THERMOGRAPH.



NOTES.

Thunderstorm:— First thunder heard 1:58 pm; last thunder 5:30 pm. The storm moved from the south but with a long duration was light in character.

Prepared by C.O.S.
Verified by P.M.D.

8—488

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 27 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	54	51	52	52	53	56	60	62	63	61	62	63	61	60	60	59	57	56	55	54	53	53	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear						7 Cldy	Cldy	0 Cldy				Cloudy				Cloudy							
Sunrise: Time, 4:13 Character, Cloudy																					Sunset: Time, 7:03 Character, Cloudy			
Sunshine (in tenths of hours)		✓			0	0	0.5	0.8	1.0	0.2	0.2	0.8	1.0	0.2	0.4	0	0	0	0	0				
Wind direction	E	N	E		SE		SW	SW	SW	SW	N	SW	W	W	N	W	NE	NE	NE	NW		E	E	E
Wind movement	3	3	3	3	3	3	8	14	14	15	14	15	10	9	7	5	6	9	12	14	14	15	14	15
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

4 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	51	57	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 0 ✓

Actual sunshine, hours, 5.1 ✓

Possible sunshine, hours, 14.8 ✓

Percentage of possible sunshine, 34 ✓

Prevailing direction, E ✓

Total movement, 222 ✓

Average hourly velocity, 9.4 ✓

Maximum velocity, 20 Direction, SW Time. Began 11:27 am ✓

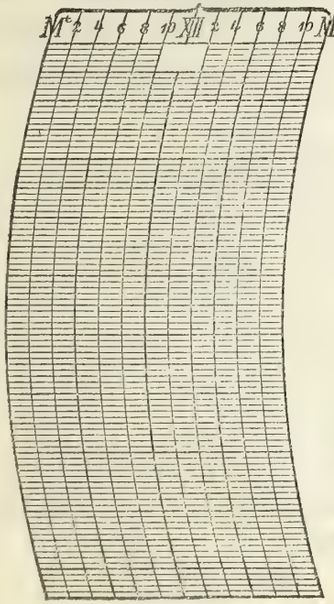
Extreme velocity, 21 SW, 11:27 am ✓

Relative humidity, 7 a. m., 91; 12 p. m., 62; 7 p. m., 88 ✓

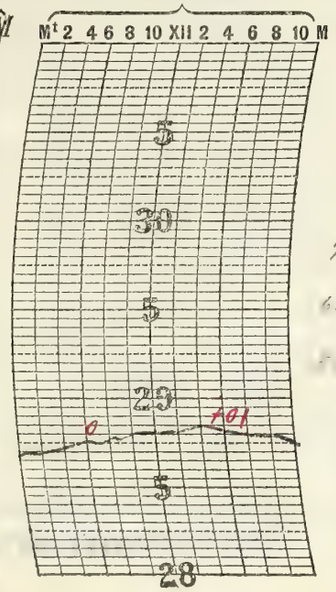
Reduced barometer, 29.65 a. m., 29.70 p. m. ✓

River gage, 5.0 ✓

THERMOGRAPH.



BAROGRAPH.



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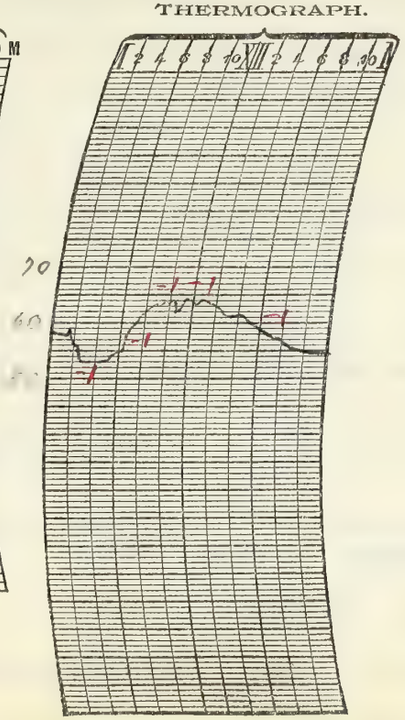


NOTES.

Prepared by

Verified by

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 28 1917, 191

Time (local standard), ____ mer. ____ hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	51	50	48	47		49	51	52	51	50
Nature of precipitation and time of beginning and ending				RB					RE			
Amounts of precipitation				.01	.07	.11	.15	.03	.02			
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4:13; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	15	14	17	19	16	15	18	18	17	20		
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	53	52	51	52	53		54	54	53	51	49
Nature of precipitation and time of beginning and ending	RB 12:30						RE 1:05					
Amounts of precipitation	.01	.01	.02	.01	.01	.03	T					
Cloudiness and other conditions		Cloudy						Clear		Clear		
Sunset: Time, 7:03; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	N	N	N	N	NW	NW	W	W	NW	NW	NW	NW
Wind movement	12	11	11	10	8	3	6	8	5	8	5	
Maximum velocities (exceeding 20 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

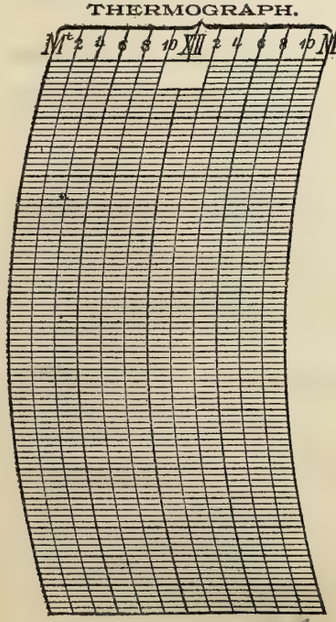
	Maximum.	Minimum.	Mean.	Normal.
Temperature	54	47	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., ____ ins.; to ____ p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Cloudy Moon phase, First Q
Average daily cloudiness (0–10), ____
Actual sunshine, hours, 0
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 0
Prevailing direction, NE
Total movement, 5
Average hourly velocity, 12.5

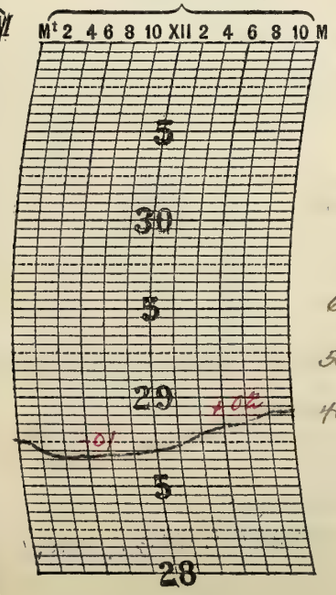
Maximum velocity,	Direction,	Time.
22	NE	Began 9:25 am
Extreme velocity, 25	NE	9:25 am

Relative humidity, 7 a. m., ____; ____ p. m., ____; ____ p. m., ____
Reduced barometer, 29.58 a. m. 29.14 p. m.
River gage, ____

THERMOGRAPH.



BAROGRAPH.



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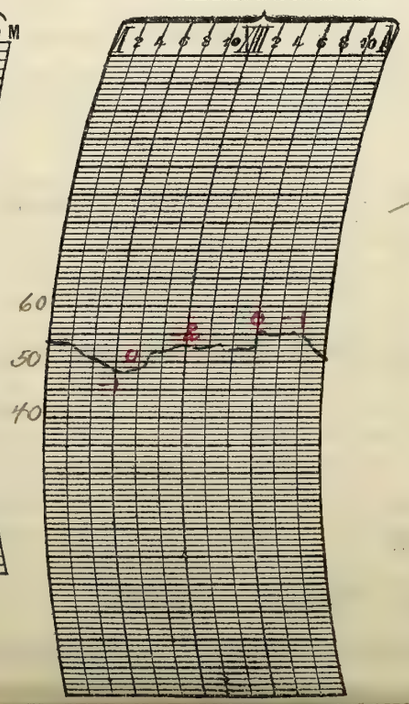


NOTES.

The day as a whole was cloudy with rain the greater portion of the day

Prepared by
Verified by

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 29 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	47	45	43	42	45	50	54	58	61	63	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement	6	6	5	5	8	5	4	5	4	6	7	[illegible]

Sunrise: Time, 4:12; Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	67	68	69	68	66	66	62	60	59	58	57
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	W	W	W	W	SW	W	SW	S	S	SE	SE	SE
Wind movement	7	6	9	[illegible]	6	6	3	2	8	7	5	3

Sunset: Time, 7:04; Character, Cloudy

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	42	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 12.7

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 88

Prevailing direction, W

Total movement, 142

Average hourly velocity, 5.9

Maximum velocity,	Direction,	Time.
12	SW	Began 1:55 pm

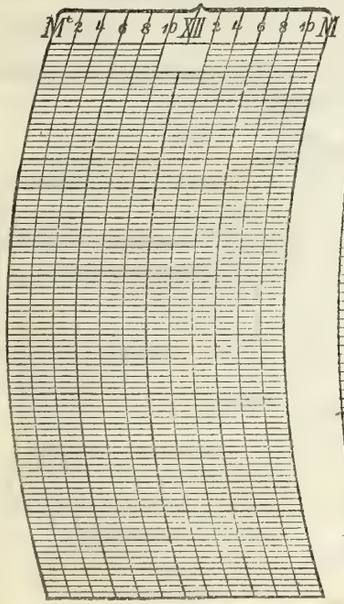
Extreme velocity, 12 — SW — 1:55 pm

Relative humidity, 7 a. m., [illegible]; [illegible] p. m., [illegible]; [illegible] p. m., [illegible]

Reduced barometer, 30.01 a. m. 30.02 p. m.

River gage,

THERMOGRAPH.



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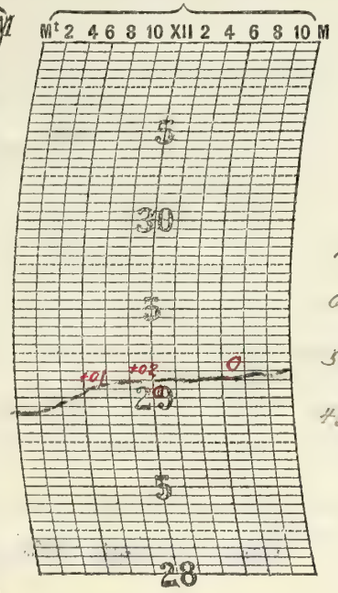

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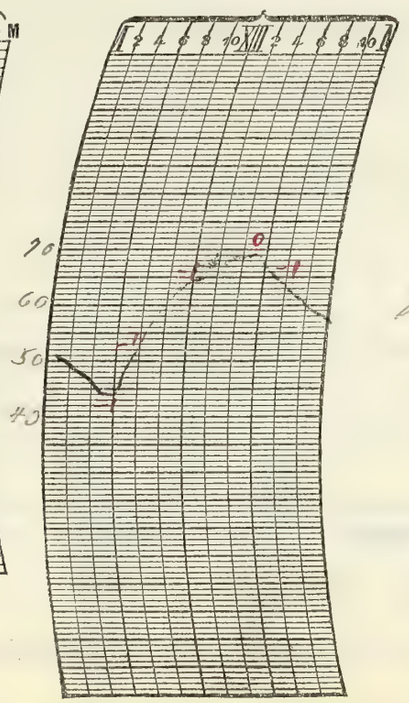


NOTES.

The day as a whole was partly cloudy with moderate temperatures and an abundance of sunshine

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 30 1917, 191

Time (local standard), ____ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0	0.9	0	0
Wind direction	S	S	S	S	SE	SE	S	S	S	S	SE	SE
Wind movement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	71	70	68	[illegible]	[illegible]	65	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending							6:00 6:05			8:00 9:32		11:00 12:00
Amounts of precipitation							T			T	.05	.02
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.4	0	0	0	0				
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	11	12	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	[illegible]
Maximum velocities (exceeding ____ miles) direction and time												

Sunrise: Time, 4:12; Character, Cloudy

Sunset: Time, 7:05; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	[illegible]	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground ____ p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy. Moon phase, ____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 4.1

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 28

Prevailing direction, SE

Total movement, [illegible]

Average hourly velocity, [illegible]

Maximum velocity, 24 Direction, SE Time. Began 11:43 pm

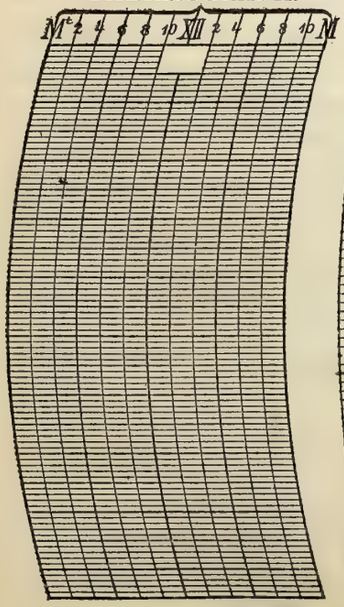
Extreme velocity, 26 SE 11:45 pm

Relative humidity, 7 a. m., [illegible]; 12 p. m., 62; ____ p. m., [illegible]

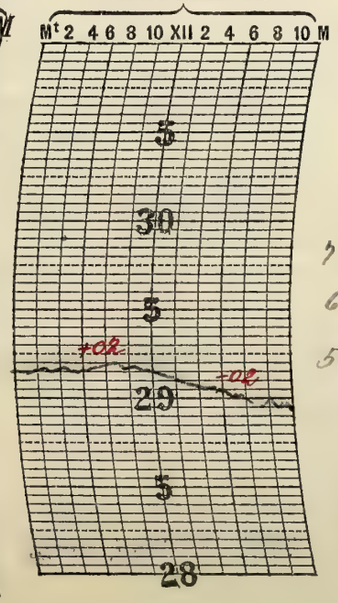
Reduced barometer, [illegible] a. m. [illegible] p. m.

River gage, 8.1 ft.

THERMOGRAPH.



BAROGRAPH.



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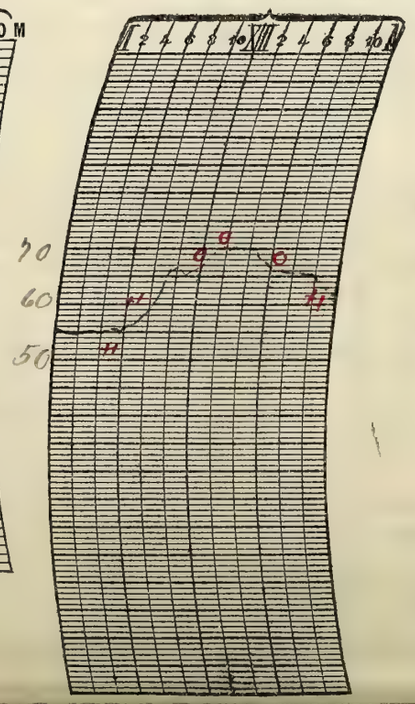


NOTES.

x Sunshine through broken clouds.

The day as a whole was cloudy, but very pleasant and but for the lack of sunshine was an ideal holiday.

Thunderstorm began about 10 pm and ended 12 pm.

Prepared by CCS

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 31 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	64	64	64	63	63	65	65	68	68	68	70
									RB 8:05 RE 8:15		RB 10:35 RE 10:55	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									T		.04	
Cloudiness and other conditions	?			Cloudy				* Cloudy				
Sunrise: Time, 4:11 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0.5	0.8	0	1.0	0.0	0.0
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S
Wind movement	15	15	12	16	15	15	21	24	21	20	18	20
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	70	68	68	68	68	67	64	64	64	64	64
			RB 2:02 RE 2:10				RB 6:15				RE 10:15	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T				.01	.01	T	T	T	
Cloudiness and other conditions			Cloudy									
Sunset: Time, 7:06 Character, Cloudy												
Sunshine (in tenths of hours)	0.4	0.7	0.3	0.5	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	24	28	23	25	20	19	15	14	11	12	13	13
Maximum velocities (exceeding 29 miles) direction and time	30 SW 12:47	33 SW 1:38		30 SW 2:17		31 SW 5:05						

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	62	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 4.5

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 30

Prevailing direction, SW

Total movement, 414

Average hourly velocity, 17.2

Maximum velocity,	Direction,	Time.
35	SW	Began

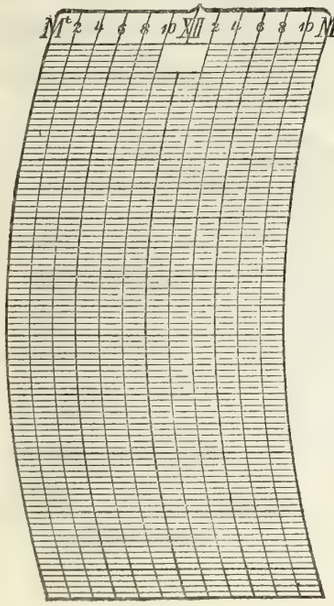
Extreme velocity, 38 SW

Relative humidity, 7 a. m., ; p. m., ; p. m.,

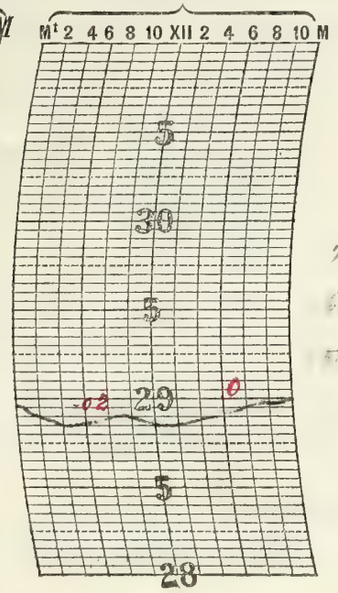
Reduced barometer, 29.96 a. m. 29.84 p. m.

River gage, 6.2

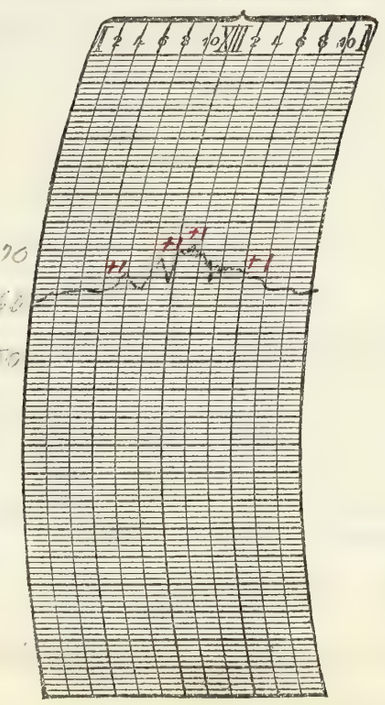
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* For beginnings and endings see Fr[illegible]
x Sun shining thru broken cl[illegible]

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN - 1 1917, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	60	60	60	60	60	61	62	63	64	67	68	68	69	68	68	67	67	65	65	64	63	61
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy																← Cloudy							
Sunshine (in tenths of hours)					0	0	0	0.3	0	0	0.3	0.3	0.8	0.9	0.9	0.6	0	0	0	0				
Wind direction	W	W	W	W	W	W	W	NW	W	SW	SW	SW	NW	N	N	NE	NE	E	E	NE	E	E	E	E
Wind movement	10								3	6	5	5	6	5	6	6	6	5	4	5	5	6	6	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:11; Character, Cloudy

Sunset: Time, 7:07; Character, Cloudy

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	60	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 5.0

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 35

Prevailing direction, W

Total movement, 1

Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
12	E	Began 11:18 pm

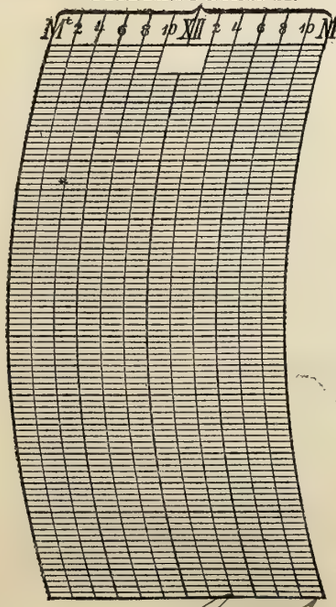
Extreme velocity, 12 E 11:18 pm

Relative humidity, 7 a. m., 84; 2 p. m., 66; _____ p. m., _____

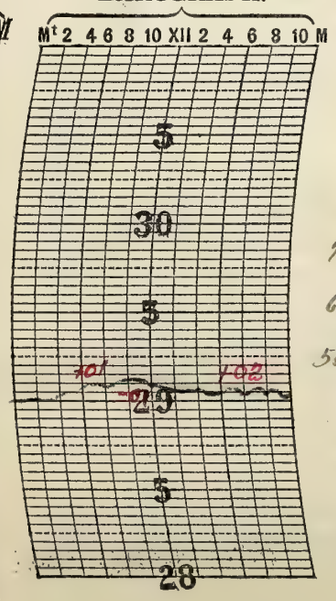
Reduced barometer, 30.03 a. m., 30.01 p. m.

River gage, 5.4

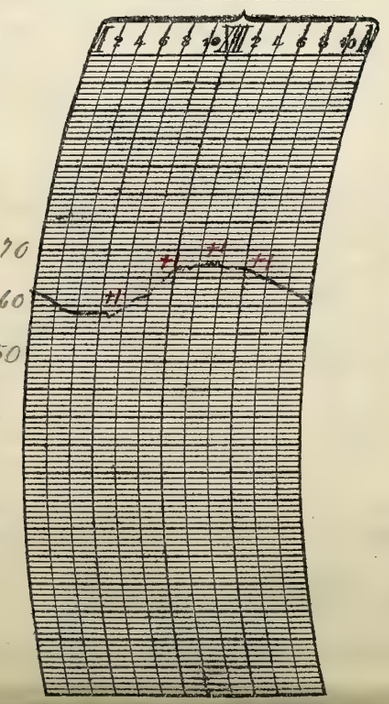
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* For beginning & ending see Thermo 8, 14

X Sun shining thru broken cloud

Prepared by G.O.S.

Verified by P.McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN - 2 1917, 191

Time (local standard), [illegible] mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	59	58	58	58	58	62	64	70	71	72	71
State of weather: Nature of precipitation and time of beginning and ending						RB 5:50	RE [illegible]					
Amounts of precipitation						.01	.07					
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:10 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	0.6	0.1	0.3
Wind direction	E	E	E	E	E	E	E	E	S	S	S	SW
Wind movement	7	8	7	5	6	5	6	5	18	15	18	22
Maximum velocities (exceeding 25 miles) direction and time												
Total duration. From—												
Total duration. To—												
Total amount of precipitation												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	76	76	73	68	64	61	58	55	54	52	51
State of weather: Nature of precipitation and time of beginning and ending										RB 9:10 RE 9:20		
Amounts of precipitation										T		
Cloudiness and other conditions	Cloudy											
Sunset: Time, 7:02 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.9	1.0	0.8	0.1	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	27	26	27	32	27	28	27	28	27	27	21	23
Maximum velocities (exceeding 25 miles) direction and time	32 SW 12:02	31 SW 1:01	33 SW 2:02	32 SW 3:02	32 SW 4:03	32 SW 5:02	32 SW 6:00	33 SW 7:10	39 W 8:38	W 9:16		
Total duration. From—												
Total duration. To—												
Total amount of precipitation												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	51	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 6.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 41

Prevailing direction, SW.

Total movement, [illegible]

Average hourly velocity, 18.1

Maximum velocity, 39 Direction, W. Time. Began 8:38 pm

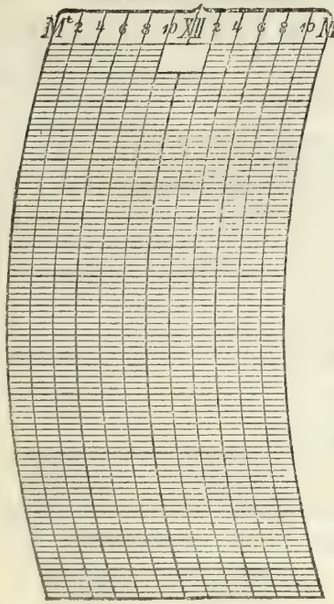
Extreme velocity, 42 W 8:58 pm

Relative humidity, 7 a. m., 92; 11 p. m., 73; 7 p. m., 64

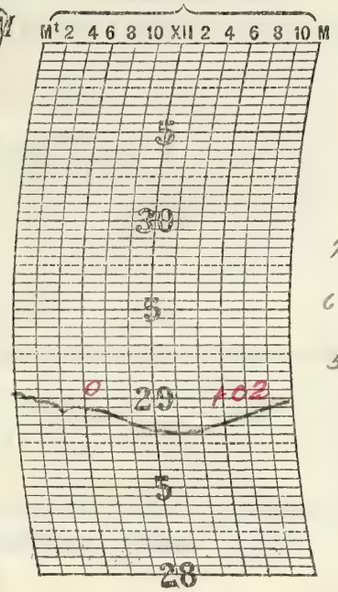
Reduced barometer, 29.84 a. m., 29.80 p. m.

River gage, 5.1 ft

THERMOGRAPH.



BAROGRAPH.



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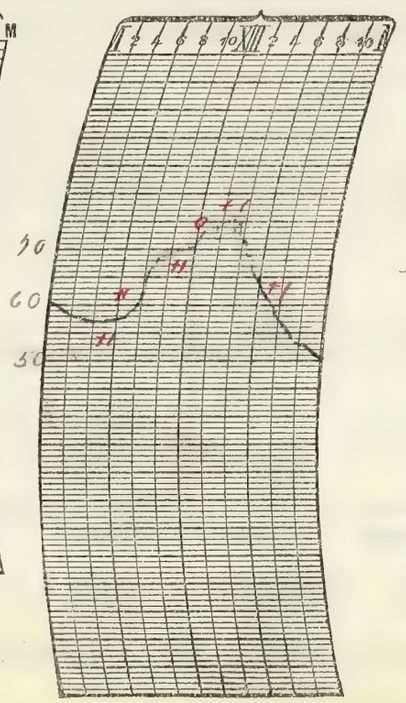


NOTES.

× Sun shining thru broken clouds

The day was generally cloudy and unpleasant with increasing southwesterly winds.

Prepared by [illegible]

Verified by [illegible]

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN - 3 1917, 191

Time (local standard), 2 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	52	52	52	52	51	53	54	58	61	64	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	ø				Clear							
Sunrise: Time, 4:10 Character, Clear												
Sunshine (in tenths of hours)					.83	1.0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	18	17	8	11	12	14	14	13	11	10	10	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	71	73	74	73	72		66	64	63	61	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunset: Time, 7:08 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0.2					
Wind direction	NW	NW	NW	W	SW	W	SW	SW	SW	SW	SW	
Wind movement	10	7	8	6	6		5	5	5	6	6	5

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10), Few

Actual sunshine, hours, 14.0

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 93

Prevailing direction, W

Total movement, 228

Average hourly velocity, 9.5

Maximum velocity, 23 Direction, W Time. Began 1:42 am

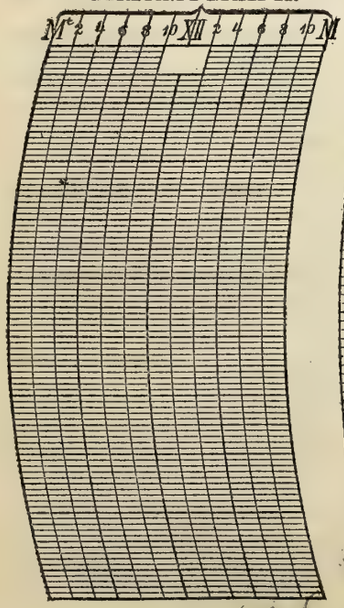
Extreme velocity, 24 W 1:44 am

Relative humidity, 7 a. m., 79; 12 m., 49; 7 p. m., 48

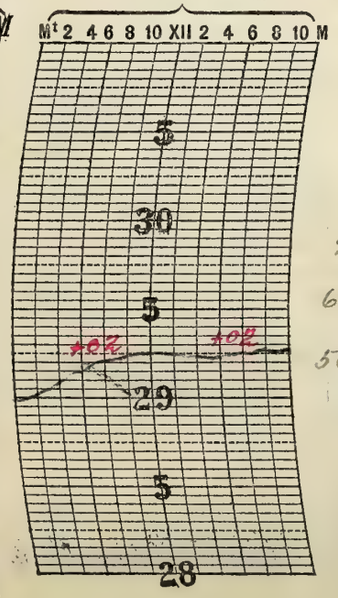
Reduced barometer, 30.14 a. m., 30.12 p. m.

River gage, _____

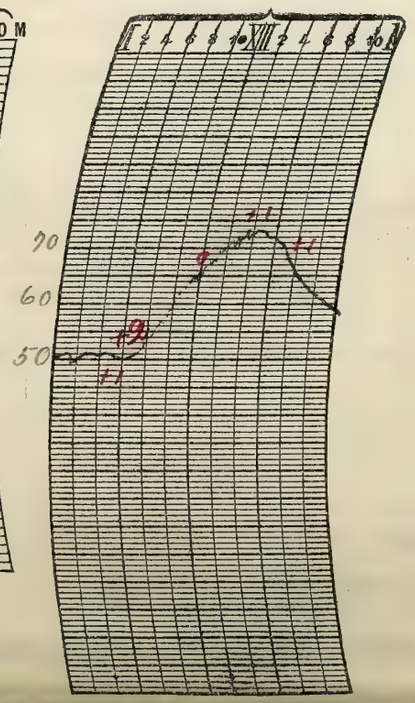
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Sun became obscured by a cloud bank

ø For beginning & ending see fine

The day was fine with moderate temperature and clear sky.

Prepared by CAS

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN - 4 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	56	54	54	54	55	65	65	69	70	72	73	74	73	73	72	72	71	70	68	68	66	63	63
State of weather: Nature of precipitation and time of beginning and ending																						R 9 9:20 RE 9:30 RB 9:40		
Amounts of precipitation																						.02	.14	.12
Cloudiness and other conditions	Clear												Partly Cloudy						Cloudy					
Sunshine (in tenths of hours)		1			0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0	0	0		1		
Wind direction	SW	S	SW	S	S	S	SW	SW	S	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	SW	S
Wind movement	4	7	4	4	4	6	7	8	11	13	10	7	16	13	9	12	10	8	5	6	11	16	12	7
Maximum velocities (exceeding 21 miles) direction and time																							SW 10:02	

Sunrise: Time, 4:10; Character, Clear

Sunset: Time, 7:09; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
74	54	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .28 inches.

Character of day, Partly Cloudy Moon phase, _____

Average daily cloudiness (0–10), 6.5

Actual sunshine, hours, 10.3

Possible sunshine, hours, 15.3

Percentage of possible sunshine, 67

Prevailing direction, S

Total movement, 246

Average hourly velocity, 10.2

Maximum velocity, 30 Direction, SW Time. Began 10:02 pm

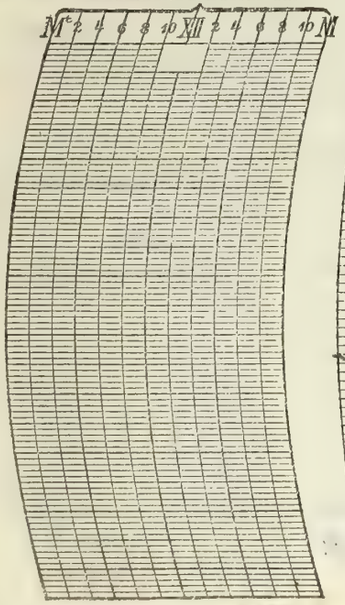
Extreme velocity, 32 – SW — 10:07 pm

Relative humidity, 7 a. m., 71; 12 m., 60; 7 p. m., 54

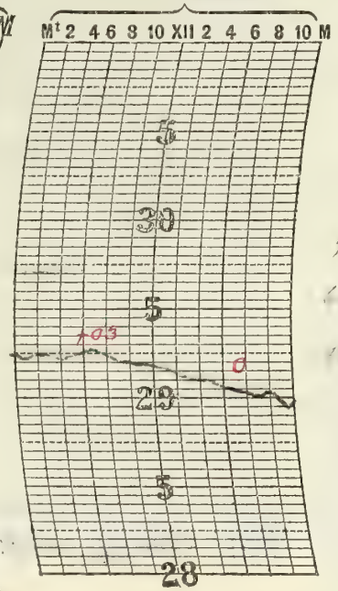
Reduced barometer, 30.23 a. m. 29.99 p. m.

River gage, 4.5 ft.

THERMOGRAPH.



BAROGRAPH.



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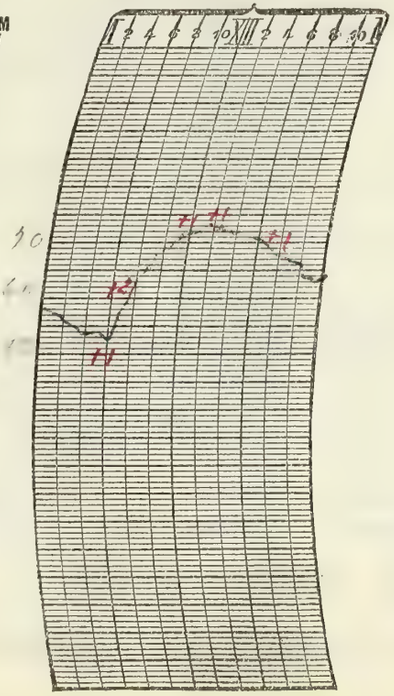


NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN - 5 1917, 191

Time (local standard), ____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	62	62	61	61	62	[illegible]	64	66	67	70	72	72	73	69	71	65	66	64	65	65	62	63	62
					RE 3:44										RB 2:38	RE 3:15	RB 4:37	RE 5:35	RB 6:45			RE 9:30		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	T	T	[illegible]	[illegible]										.03	T	.11	.08	T	T	T	T		
Cloudiness and other conditions	Cloudy												Cloudy											
	Sunrise: Time, 4:09; Character, Cloudy																				Sunset: Time, 7:09; Character, Cloudy			
Sunshine (in tenths of hours)		1		1	0	0	0	0	0.3	0.9	1.0	1.0	0.8	0.9	0	0.2	0	0	0	0		1	1	
Wind direction	S	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	W	W	SW	SW	SW	SW	NW	S	S	SE	SE	E	E
Wind movement	9	11	18	18	9	5	4	5	3	6	9	10	7	8	6	7	8	5	3	2	2	4	4	6
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 4 p. m., 0 inches.

Snow on ground ____ p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, Cloudy Moon phase, [illegible]

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 5.1

Possible sunshine, hours, 7.5.10

Percentage of possible sunshine, 68

Prevailing direction, SW

Total movement, 170

Average hourly velocity, 7.1

Maximum velocity,	Direction,	Time.
24	SW	Began 2:56 pm

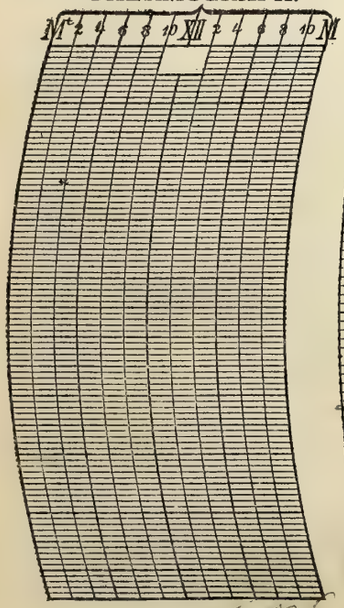
Extreme velocity, 24 SW 2:56 pm.

Relative humidity, 7 a. m., 56; 12 p. m., ____; ____ p. m., 85

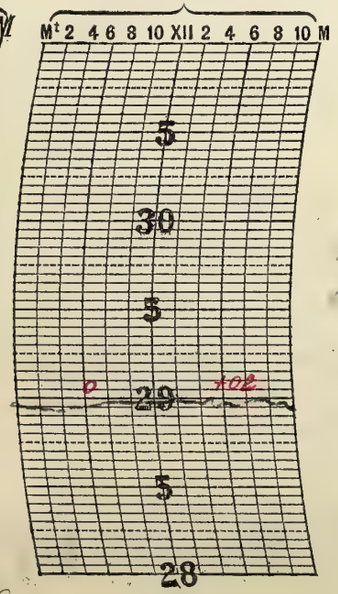
Reduced barometer, 29.87 a. m., 29.90 p. m.

River gage, ____

THERMOGRAPH.



BAROGRAPH.



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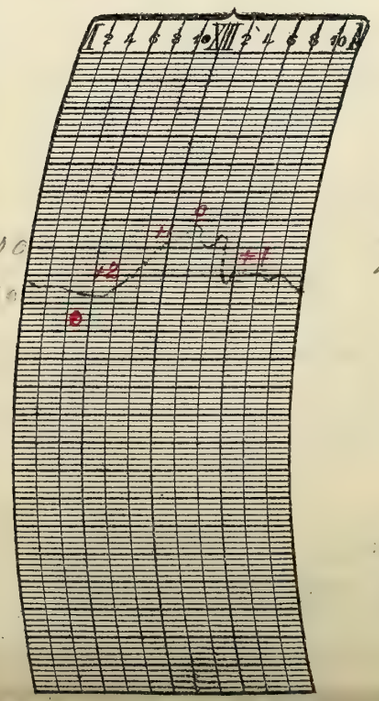


NOTES.

Thunderstorm: First thunder heard at 4:15 pm; last heard at 5:30 pm. The storm moved from the southwest, was light in character and was attended by light precipitation.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1012—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN - 6 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63 RB DNA	64	64	63	62 RE DNA	62	66 RB 6:20 RE 6:30	73	77	75	77	78
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.03	T	T	.58	T		0					
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 4:29 Character, Cloudy												
Sunshine (in tenths of hours)		1			0	0	0	0.9	1.0	0.6	0.6	0.8
Wind direction	E	E	E	E	SW	E	SE	SE	S	S	S	SW
Wind movement	7	7	6	1	4	5	4	7	13	12	12	22
Maximum velocities (exceeding 70 miles) direction and time												32 SW 11:17
Excessive precipitation, accumulated amounts	DNA	DNA			.62		4:40am	4:52am			.40	.53

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76 RB 12:18 RE 12:45	78	77	76	74	72	70	67	66	64	64	63
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.06											
Cloudiness and other conditions	x Partly				Clear					x Partly		
Sunset: Time, 7:10 Character, Clear												
Sunshine (in tenths of hours)	0.8	1.0	1.0	1.0	1.0		1.9	1.7				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	23	21	29	28	27	19	13	8	6	6	8	11
Maximum velocities (exceeding 70 miles) direction and time	31 SW 12:08		36 SW 2:41	38 SW 3:46	35 SW 4:24							
Excessive precipitation, accumulated amounts	.57											

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
DNA	DNA	.62	4:40am	4:52am	.04	.40	.53	.57											

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	62		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, .62 inches.

Character of day, Partly Cloudy Moon phase, _____

Average daily cloudiness (0–10), _____

Actual sunshine, hours, 10.2

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 68

Prevailing direction, SW

Total movement, 325

Average hourly velocity, 13.5

Maximum velocity, 38 Direction, SW Time. Began 3:46pm

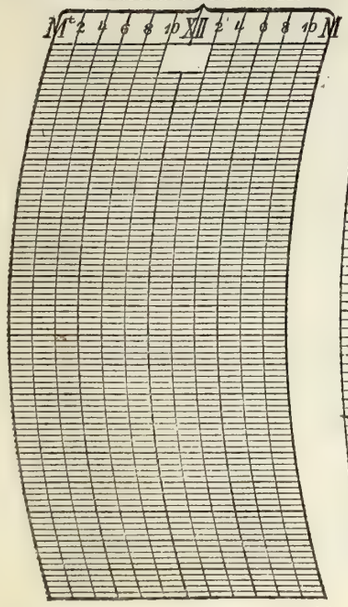
Extreme velocity, 46 SW 3:49pm

Relative humidity, 7 a. m., 91; 12 p. m., _____; _____ p. m., _____

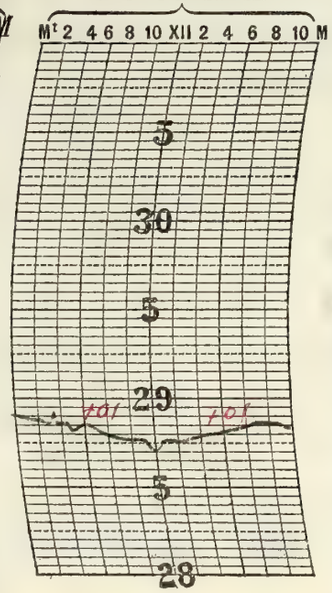
Reduced barometer, 29.77 a. m., 29.75 p. m.

River gage, _____

THERMOGRAPH.



BAROGRAPH.



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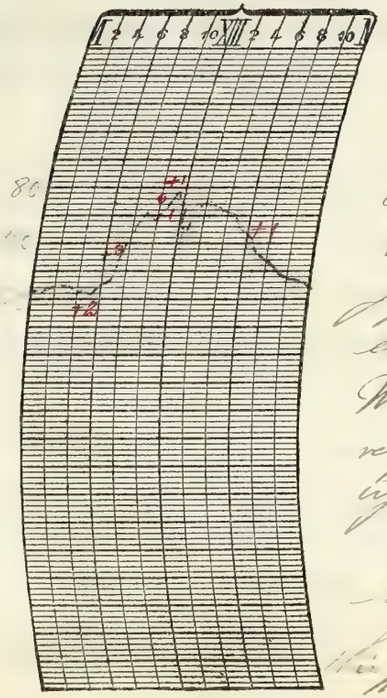


NOTES.

A severe thunderstorm occurred this morning beginning at 3:45 and ending at 4:45. The storm moved from the west and was attended by a heavy rain, there being 0.38 inches recorded during the fifteen minutes commencing at 3:53 am and ending at 3:54 am. Lightning struck the White Apartments on West Berry St. very little damage was done and no injuries occurred.

Thunderstorm :— First thunder heard 12:10pm; last heard 12:50pm; the storm moved from west to east and was light in character. [illegible] Now special observation taken 75th Meridian Times

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN - 7 1917, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	59	59	61	62	[illegible]	63	66	66	[illegible]	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly cloudy								Partly cloudy	
Sunrise: Time, Character	4.07, Cloudy											
Sunshine (in tenths of hours)					0	0	0.8	1.0	0.9	1.0	0.2	0
Wind direction	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW	[illegible]
Wind movement	9	10	10	12	13	15	20	25	29	30	25	22
Maximum velocities (exceeding ___ miles) direction and time								32 SW 8:15	39 SW 8:15	35 SW [illegible]	35 SW [illegible]	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	67	65	66	65	[illegible]	64	64	63	62	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Partly cloudy					
Sunset: Time, Character									7.14, Cloudy			
Sunshine (in tenths of hours)	0.3	0.2	0.8	0	0.2	0	0	0		1		
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	24	26	28	22	23	18	15	14	13	12	12	12
Maximum velocities (exceeding ___ miles) direction and time	31 SW 12.03	34 SW [illegible]	38 SW 2:12		30 W 4:19							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	52	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 1 p. m., 2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 3.6

Prevailing direction, SW

Total movement, 445

Average hourly velocity, 18.5

Maximum velocity, 39 Direction, SW Time. Began 8:15 am

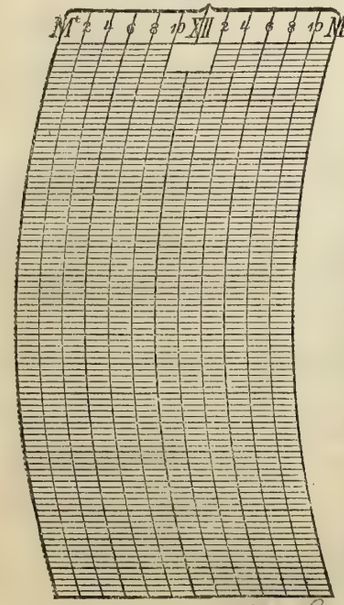
Extreme velocity, 42 — SW — 8:12 am

Relative humidity, 7 a. m., 78; 12 m., 58; 7 p. m., 65

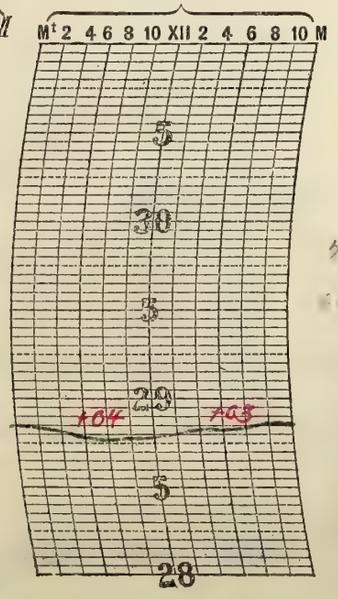
Reduced barometer, 29.72 a. m., 29.78 p. m.

River gage, 4.6 ft.

THERMOGRAPH.



BAROGRAPH.



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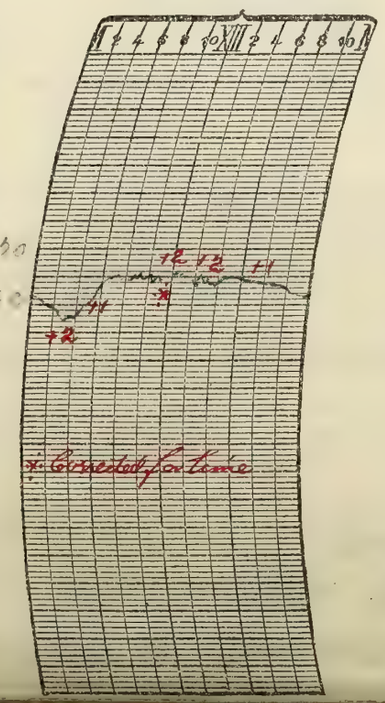


NOTES.

Prepared by 6008

Verified by PMRC.

Form No. 1014—Sec 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN - 8 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	60	58	58	57	52	60	63	65	68	70	73
					PRE DNA							
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation					T							
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)					0	0.1	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	W	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW
Wind movement	11	10	10	0	9	5	7	7	13	12	14	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	73	74	74	75	74	72	70	65	63	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											?
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0				
Wind direction	W	W	W	W	W	W	W	W	NE	NE	E	E
Wind movement	15	15	14	14	11	9	7	5	6	5	6	4

Sunrise: Time, 4:09; Character, Clear

Sunset: Time, 7:12; Character, Clear

Maximum velocities (exceeding 30 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 14.4

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 96

Prevailing direction, SW

Total movement, 236

Average hourly velocity, 9.8

Maximum velocity,	Direction,	Time.
19	SW	Began 10:14am

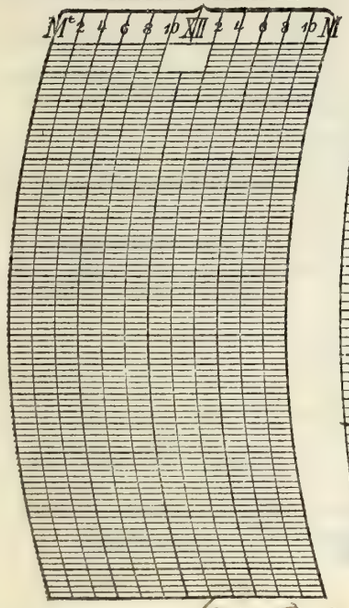
Extreme velocity, 19 SW 10:14am

Relative humidity, 7 a. m., 71; 12 p. m., 46; 7 p. m., 59

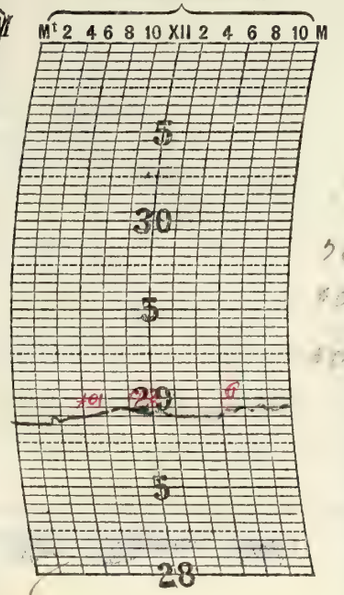
Reduced barometer, 29.83 a. m. 29.[illegible] p. m.

River gage, 5.2

THERMOGRAPH.



BAROGRAPH.



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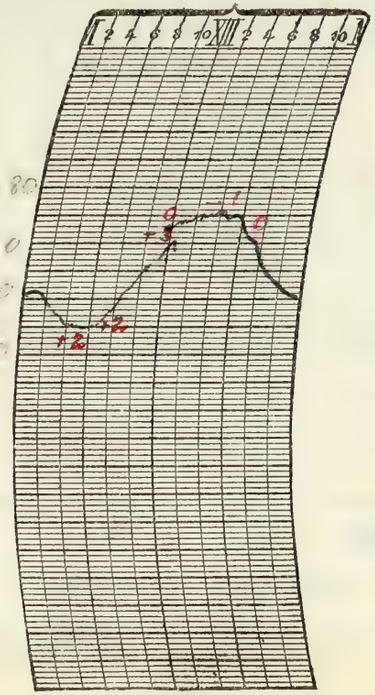


NOTES.

Prepared by C. O. S.

Verified by P. M. P.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN - 9 1917, 191

Time (local standard), 75 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	59	58	[illegible]	[illegible]	61	62	[illegible]	[illegible]	63	64	63	61	60	59	60	60	60	60	60	60	59
State of weather: Nature of precipitation and time of beginning and ending									RB 8:25										RE 6:10	RB 9:30		RE 9:45		
Amounts of precipitation									T	.03	.18	.06	.02	.03	.02	.19	.12	.03	T	T	.01	T		
Cloudiness and other conditions					Cloudy												Cloudy							
Sunrise: Time, 4:08 Character, Cloudy																					Sunset: Time, 7:18 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wind direction	SE	E	E	E	E	E	E	E	E	E	SE	E	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	6	6	6	6	6	5	5	7	7	6	5	8	11	10	[illegible]	12	15	[illegible]		15	15	9	8
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	58	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.32 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 0

Possible sunshine, hours, 15.5

Percentage of possible sunshine, 0

Prevailing direction, ____

Total movement, ____

Average hourly velocity, 8

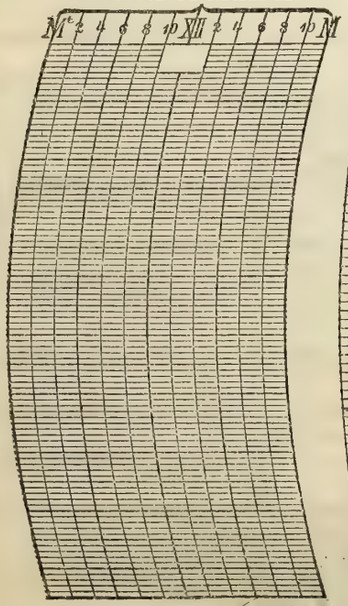
Maximum velocity,	Direction,	Time.
20	NE	Began 5:41 pm
Extreme velocity, 20	NE	5:41 pm

Relative humidity, 7 a. m., 91; 12 m., 90; 7 p. m., 84

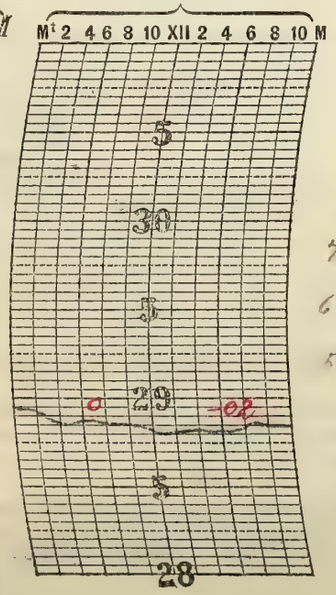
Reduced barometer, 28.99 a. m. 28.98 p. m.

River gage, 5.5 ft

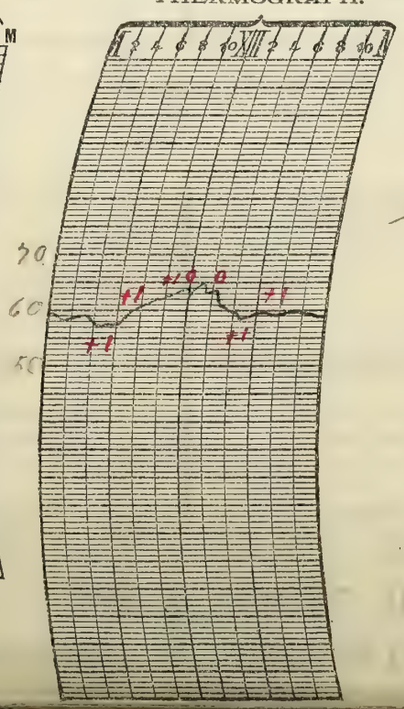
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A sandy and miserable day with rain during the greater part of the day

Prepared by [illegible]

Verified by [illegible]

Form No. 1011—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 10 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	58	58	58	62	[illegible]	63	67	69	71	73	75	75	76	75	72	72	[illegible]	68	67	66	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	2		Partly					×		Clear				×			Partly							9
Sunrise: Time, 4:55; Character, Clear																					Sunset: Time, 7:19; Character, Cloudy			
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NE	NE	NE	NE	E	E	E	E	E	E	E	[illegible]
Wind movement	8	7	6	7	7	5	6	9	9	11	11	11	10	9	9	8	9	6	4	3	2	2	1	0
Maximum velocities (exceeding ---- miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

---- 2 ---- hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	58	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.01 inches.

Character of day, Clear Moon phase, ----

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 13.5

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 89

Prevailing direction, NE

Total movement, 160

Average hourly velocity, 6.7

Maximum velocity, 15 Direction, NE Time. Began 4:03 p.m.

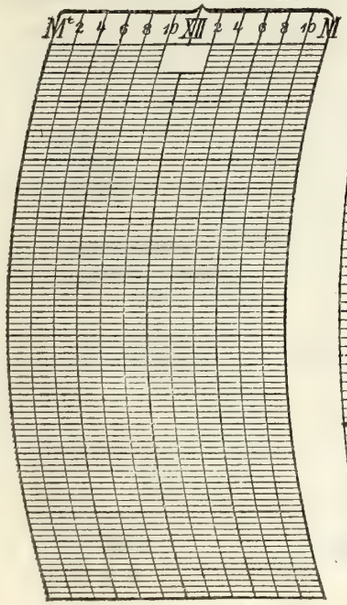
Extreme velocity, 16 NE 4:06 p.m.

Relative humidity, ---- a. m., ----; ---- p. m., ----; ---- p. m., 8

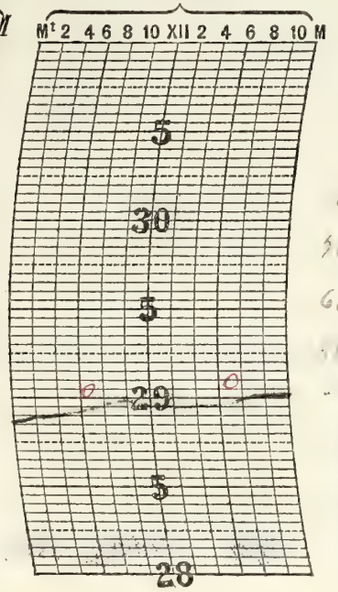
Reduced barometer, 29.87 a. m., 29.90 p. m.

River gage, 6.0 ft

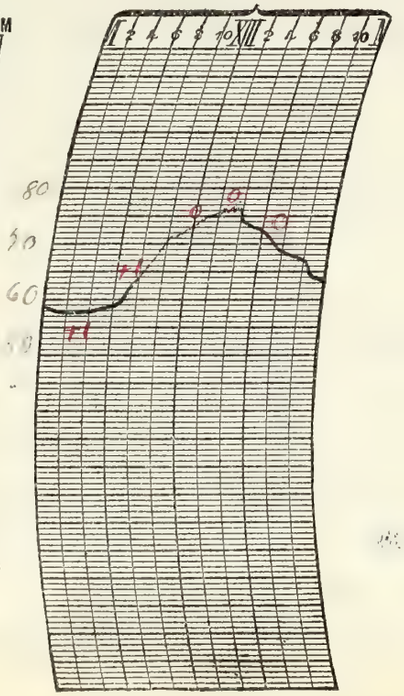
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

× Sunshine until 6:45 p.m.

Ø For beginning and ending see [illegible]

A warm and pleasant day with an abundance of sunshine

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 11 1917, 191

Time (local standard), [illegible] mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	57	57	57	[illegible]	64	69	71	73	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear						Partly	
Sunrise: Time, 5:08; Character, Cloudy												
Sunshine (in tenths of hours)					0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	1	1	2	1	2	4	5	3	5	7	4	6
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	76	75	76	75	[illegible]	71	69	68	67	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly						Clear	?
Sunset: Time, 7:13; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.9	1.0	1.0	0.4	0				
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	3	4	4	4	4	4	7	7	4	5	7	7
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts.

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., [illegible] inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly cloudy Moon phase, [illegible]

Average daily cloudiness (0-10), 5.3

Actual sunshine, hours, 13.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 88

Prevailing direction, SE

Total movement, 103

Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
11	SE	Began 10:23 p.m.

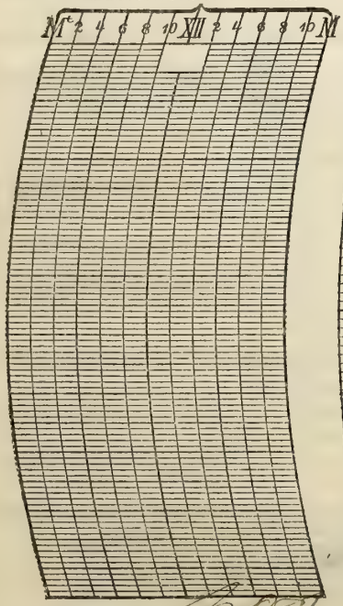
Extreme velocity, 11 — SE — 10:23 p.m.

Relative humidity, 7 a. m., 88; 12 p. m., 58; 7 p. m., 69

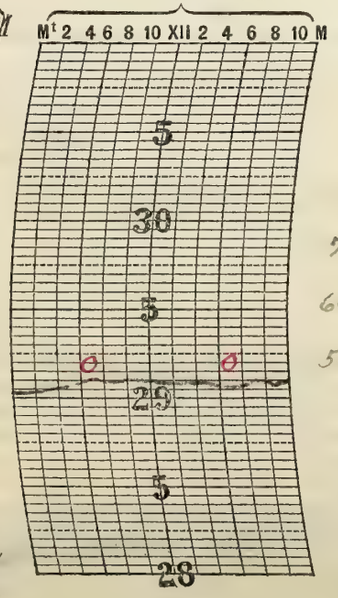
Reduced barometer, 30.02 a. m., 30.00 p. m.

River gage, 5.8 ft.

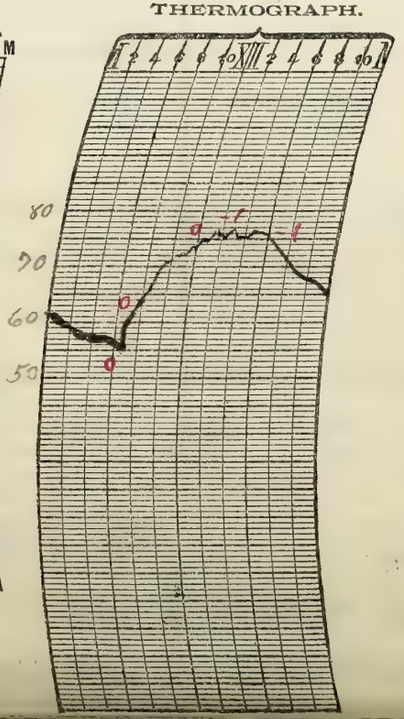
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew this morning

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 12 1917, 191

Time (local standard), 90th mer. — hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	62	62	61	63	65	70	71	72	75	80
									HB 8:50 HE 8:55	HB 9:55 HE 10:05		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									T	T	T	
Cloudiness and other conditions	?		Cloudy					×	Cloudy			
Sunrise: Time, 4:08 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0			
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	5	6	5	4	3	3	6	12	11	13	12	
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	83	84	84	84	84	80	78	77	75	73	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×	Partly					Clear					?
Sunset: Time, 7:13 Character, Clear												
Sunshine (in tenths of hours)	0	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	SW	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	9	10	10	13	11	9	6	6	6	8	7	6

Maximum.	Minimum.	Mean.	Normal.
84	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 1 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Partly Cloudy Moon phase, LAST QUARTER 12:28 am
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 8.5
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 56
Prevailing direction, S
Total movement, 194
Average hourly velocity, 8.1

Maximum velocity,	Direction,	Time.
16	S	Began 9:37 am

Extreme velocity, 17 S 9:37 a

Relative humidity, 7 a. m., 89; 12 m., [illegible]; [illegible] p. m., [illegible]
Reduced barometer, 30.14 a. m. 30.[illegible] p. m.
River gage, 5.0 ft

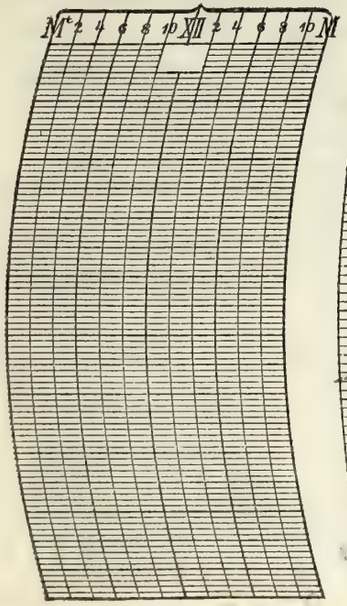
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

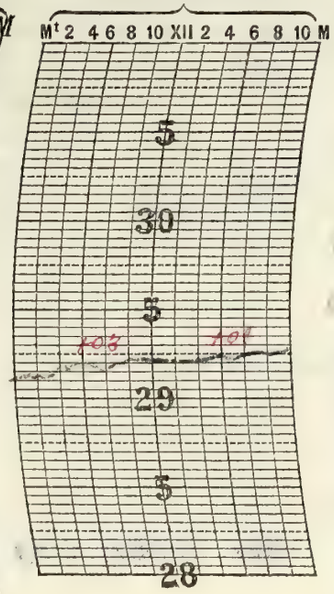
5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

THERMOGRAPH.



BAROGRAPH.



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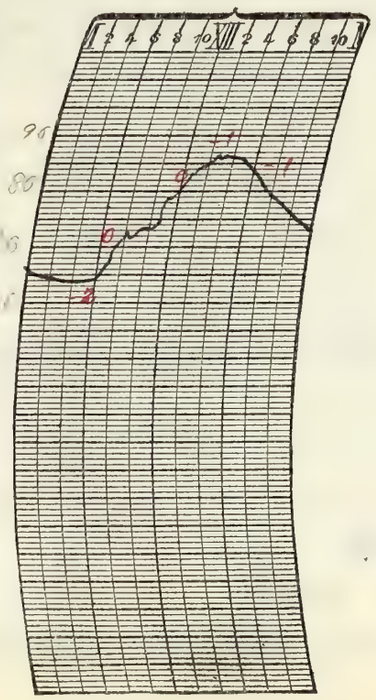


NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 13 1917, 191 (

Time (local standard), ___ mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	69	69	68	69		77	77	80	80	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)					0	0	0	0.8	0.1	0.8	1.0	0.5
Wind direction	SW	SW	S	S	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	4	5	9	8	6	7	8	10	13	12	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	68	66	60	58	57	52	55	54	53	52
State of weather: Nature of precipitation and time of beginning and ending			HR 2:35	RF 3:10 HR 3:35			RF 6:00	RE 9:10				
Amounts of precipitation			.03	T	.03	.02						
Cloudiness and other conditions					Cloudy							?
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0	0	0	0				
Wind direction	S	SW	SW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	15	19	20	22	18	7	12	10	8	7	7	9

Sunrise: Time, 4:08; Character, Cloudy

Sunset: Time, 7:14; Character, Cloudy

Maximum velocities (exceeding ___ miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
83	52	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to ___ a. m., ___ ins.; to ___ p. m., .13 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Cloudy Moon phase, ___

Average daily cloudiness (0-10), ___

Actual sunshine, hours, 5.4

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 96

Prevailing direction, SW

Total movement, 262

Average hourly velocity, ___

Maximum velocity,	Direction,	Time.
26	SW	Began 1:55 pm
Extreme velocity, 27	SW	1:53 pm

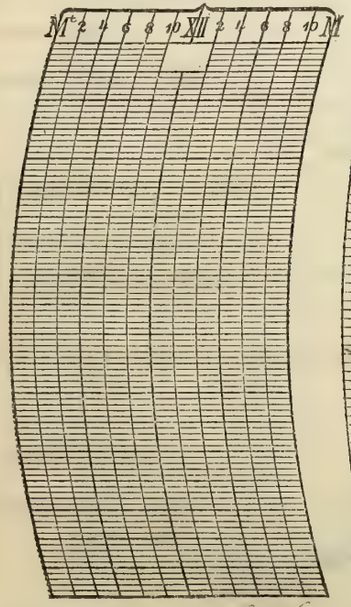
Relative humidity, 7 a. m., 76; 12 m., 64; 7 p. m., 93

Reduced barometer, 30.16 a. m., 30.02 p. m.

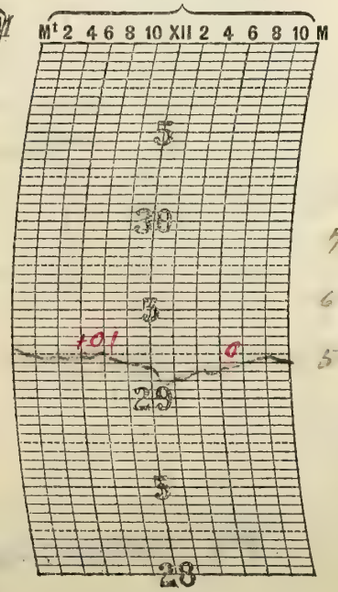
River gage, 4.5 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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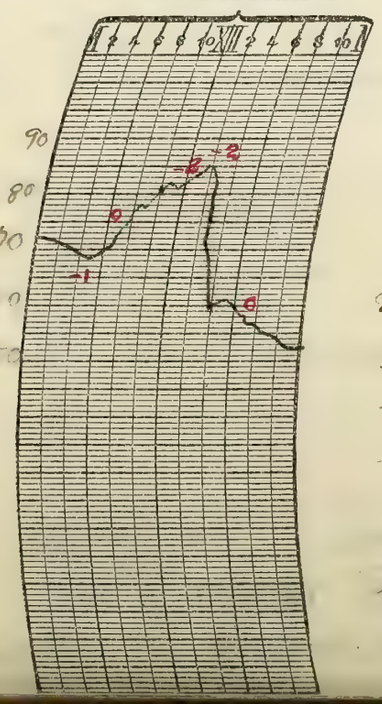


NOTES.

Thunderstorm:- First thunder heard at 4:55 pm; last heard at 5:45 pm; The storm moved from the southwest

The forenoon was warm and muggy, but with wind shifting to the northwest 2:45 pm there was a decided change to cooler in the afternoon and evening the temperature falling from 83° to 57°.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 14 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	53	53	53	56	57	64	64	64	63	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	Clear					×	Pt Cloudy				
Sunshine (in tenths of hours)					0	0.1	0.9	1.0	1.0	1.0	0.7	0.2
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	NW
Wind movement	8	9	9	11	11	12	15	16	18	18	19	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	54	53	52	52	51	51	50	50	49	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	×						Cloudy					
Sunshine (in tenths of hours)	0.2	0	0	0	0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	W	NW	NW	NW	W	W	W
Wind movement	20	17	13	11	15	11	8	8	5	4	5	5

Sunrise: Time, 7:08; Character, Clear. .87 0.8

Sunset: Time, 7:14; Character, Cloudy

Maximum.	Minimum.	Mean.	Normal.
65	49	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 6.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 45

Prevailing direction, NW

Total movement, [illegible]

Average hourly velocity, [illegible]

Maximum velocity, 24 Direction, NW Time. Began 12:40 a.m.

Extreme velocity, 24 NW 12:40 a.m.

Relative humidity, 7 a. m., 85; 12 M., 68; 7 p. m.,

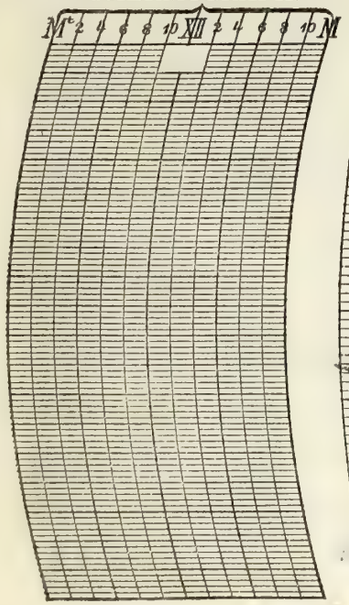
Reduced barometer, 30.04 a. m. 30.05 p. m.

River gage, [illegible]

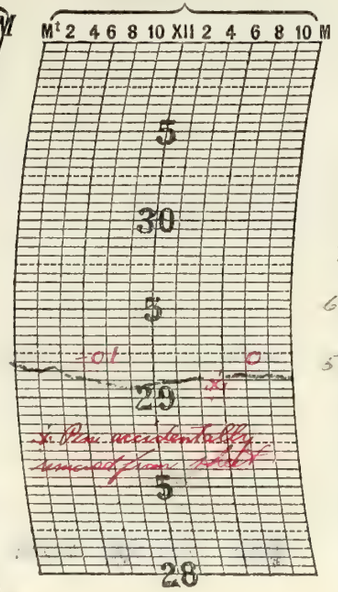
Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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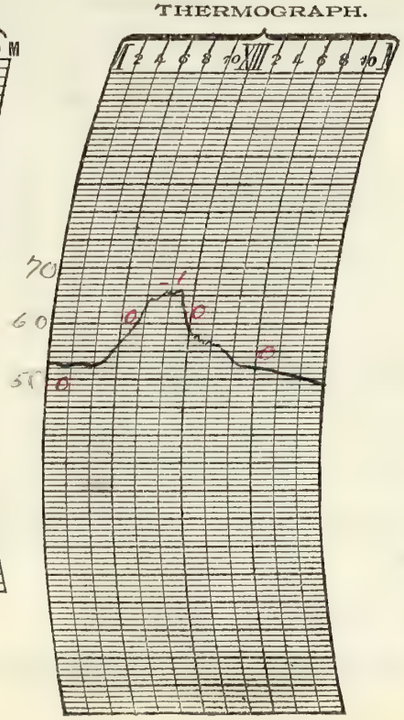


NOTES.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 15 1917, 191 7

Time (local standard), 2nd mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	47	46	47	48	51	54	52	[illegible]	50 RO 11:55	51 RE 12:10	52	53	54	54	53	51	50	48	47	45	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation												T	T											
Cloudiness and other conditions	Cloudy												Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NW	NW	NW	N	NW	N	N	N	N	N	N	N	NW
Wind movement	6	8	8	8	9	8	9	8	9	8	6	6	8	13	11	13	12	11	8	6	3	4	4	5

Sunrise: Time, 4:08; Character, Cloudy

Sunset: Time, 7:14; Character, Cloudy

Maximum velocities (exceeding 22 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 0.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 4

Prevailing direction, NW

Total movement, 148

Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
18	NW	Began 3:45 p.m.

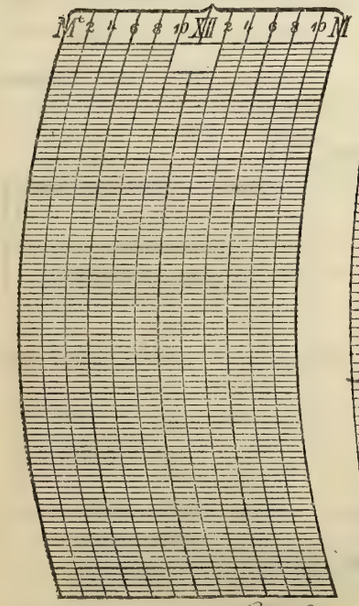
Extreme velocity, 19 — NW — 3:45 p.m.

Relative humidity, 7 a. m., 89; 12 m., 85; 7 p. m., [illegible]

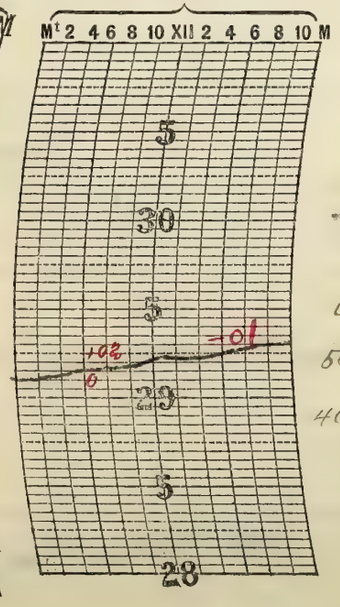
Reduced barometer, 30.08 a. m., 30.20 p. m.

River gage, 4.4 ft.

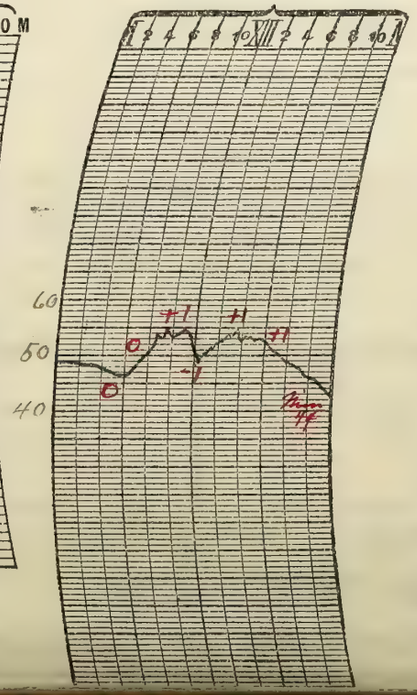
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 16 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	40	40	43	47	53	56	57	59	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	Clear					×	Pt Cloudy				
Sunrise: Time, 4:58 Character, Clear												
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	0.6	0.1	0.2
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	NW	W	W
Wind movement	5	4	5	4	4	4	3	4	3	5	6	6
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	64	64	62	61	58	57	55	53	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							×	Clear				?
Sunset: Time, 7:15 Character, Cloudy												
Sunshine (in tenths of hours)	0.7	0.7	0.4	1.0	1.0	0.8	0	0				
Wind direction	W	W	W	W	SW	SW	S	S	S	S	S	S
Wind movement	5	6	4	4	6	7	7	6	6	7	7	6
Maximum velocities (exceeding 20 miles) direction and time												

Maximum.	Minimum.	Mean.	Normal.
65	40	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 66

Prevailing direction, NW

Total movement, 124

Average hourly velocity, 5.2

Maximum velocity, 9 Direction, S Time. Began 4:55 pm

Extreme velocity, 9 S 4

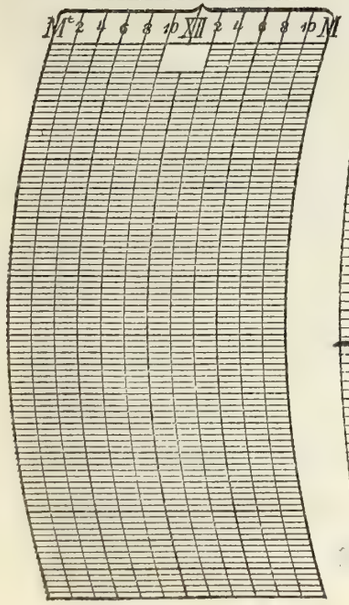
Relative humidity, 7 a. m., 88; 12 p. m., ; p. m., 55

Reduced barometer, 30.31 a. m., 30.30 p. m.

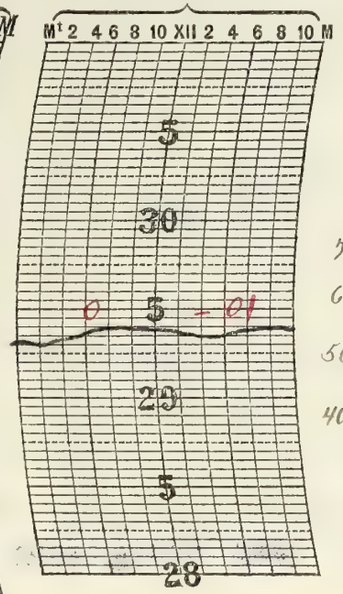
River gage, 4.9

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

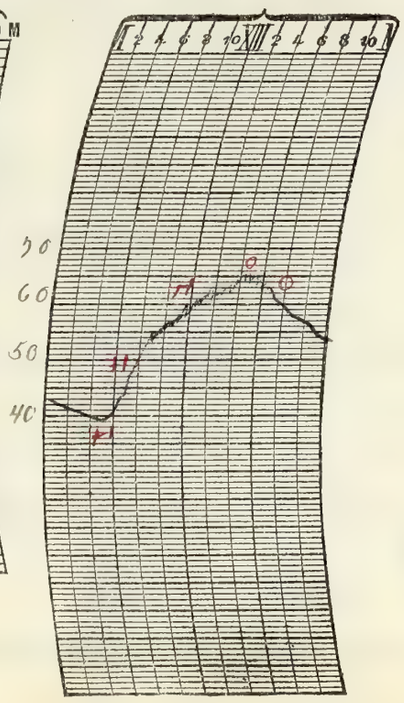
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

A light frost occurred this morning but there was no [illegible]

Prepared by

Verified by JMS

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 17 1917, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	49	48	48	50	53	61	63	63	66	67	69	70	71	71	72	71	71	66	64	62	61	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?			Partly														Clear						
Sunrise: Time, Character,	4:08 Cloudy																				Sunset: Time, Character, 7:15 Clear			
Sunshine (in tenths of hours)					0	0	0.2	1.0	0.8	0.6	0.8	0.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	.25				
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	S	S	SW	SW	SW
Wind movement	6	7	4	6	6	7	8	11	13	13	14	15	15	15	15	16	13	9	6	6	10	11	11	10
Maximum velocities (exceeding 30 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 11.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 75

Prevailing direction, SW

Total movement, 247

Average hourly velocity, 10.3

Maximum velocity,	Direction,	Time.
19	S	Began 3:29 pm

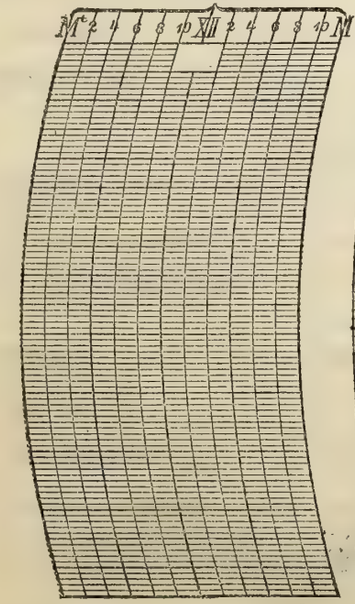
Extreme velocity, 19 S 3:29 pm

Relative humidity, 7 a. m., 75; 12 p. m., 55; 7 p. m., 50

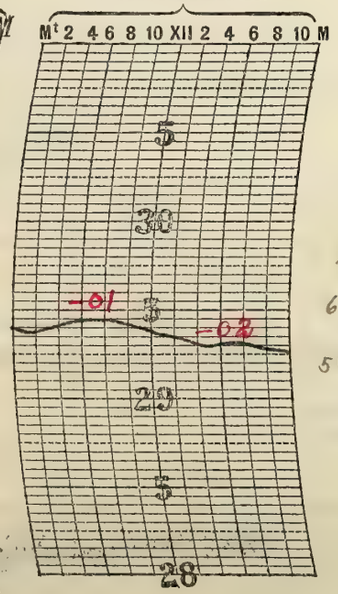
Reduced barometer, 30.37 a. m. 30.23 p. m.

River gage, 4.0 ft

THERMOGRAPH.



BAROGRAPH.



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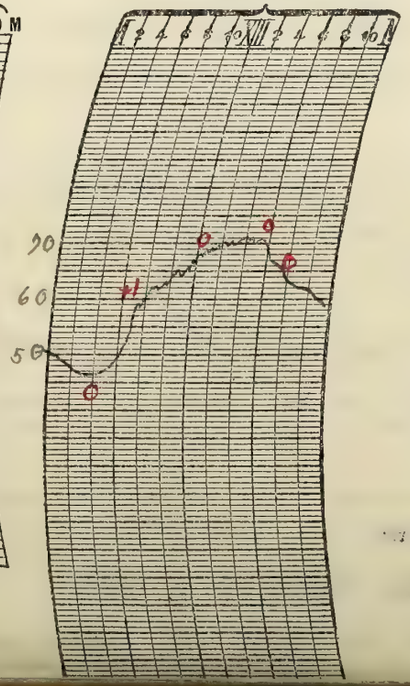


NOTES.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 18 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	56	56	56	59	63	67	70	72	76	79	81	82	83	83	82	81	77	73	71	69	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Partly Cloudy										Clear						Partly Cloudy			
	Sunrise: Time, 4:08		Character, Clear																		Sunset: Time, 7:15		Character, Clear	
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	9	8	9	10	11	12	14	14	12	13	13	15	17	17	11	13	10	11	11	7	9	7
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	55	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 12.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 62

Prevailing direction, SW

Total movement, 2[illegible]

Average hourly velocity, [illegible]

Maximum velocity,	Direction,	Time.
21	S	Began 5 AM

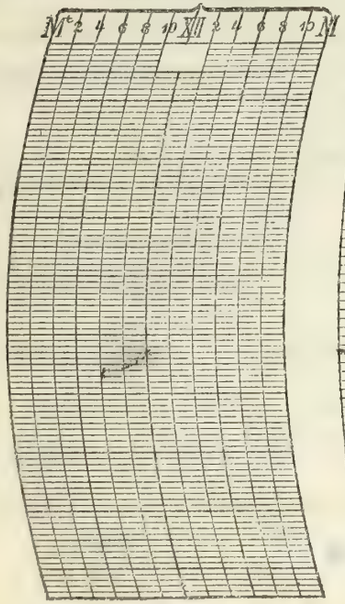
Extreme velocity, 22 S 5:51 AM

Relative humidity, 7 a. m., 68; 7 p. m., [illegible]

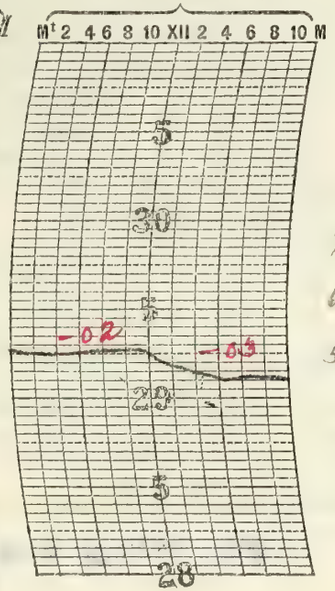
Reduced barometer, 30.16 a. m., 29.95 p. m.

River gage, 5.9

THERMOGRAPH.



BAROGRAPH.



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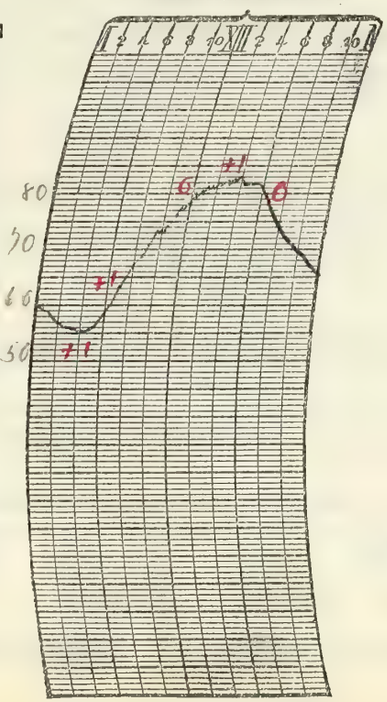


NOTES.

Prepared by

Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 19 1917, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	63	62	63	66	66	69	70	70	73	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly Cloudy							
Sunrise: Time, Character	4:08 Cloudy											
Sunshine (in tenths of hours)					0	0	0.2	0	0	0	0.3	[illegible]
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	8	9	8	10	12	8	10	12	10	16
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	79	75	64 HB 3:23	73 RE 4:15	74	[illegible]	68	63	64	62	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				.16	.02							
Cloudiness and other conditions				Cloudy				Partly Cloudy				
Sunset: Time, Character									7:16 Cloudy			
Sunshine (in tenths of hours)	0.6	0.7	0.1	0	0.8	0.4	0	0				
Wind direction	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	18	12	[illegible]	5	1	1	4	6	[illegible]	3	[illegible]
Maximum velocities (exceeding 20 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	59	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., 2 ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, Partly Cloudy Moon phase, [illegible]

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 3.7

Possible sunshine, hours, [illegible]

Percentage of possible sunshine, 23

Prevailing direction, SW

Total movement, 2[illegible]

Average hourly velocity, 8.7

Maximum velocity, 26 Direction, NW Time. Began 3:45 p.m.

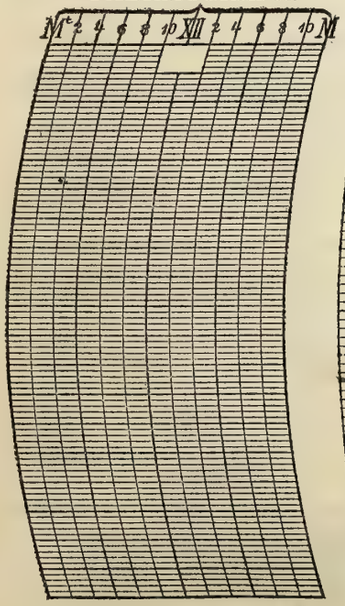
Extreme velocity, 27 NW 3:45 p.m.

Relative humidity, 7 a. m., 81; 12 m., 62; 7 p. m., 93

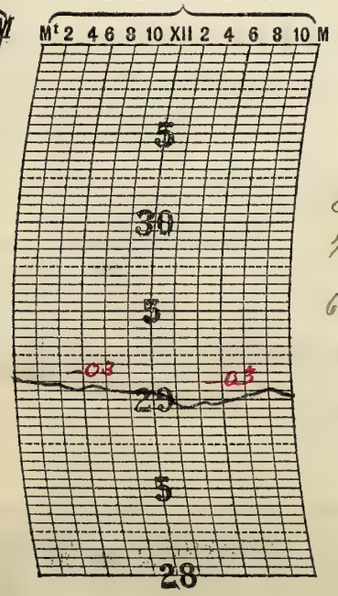
Reduced barometer, 29.95 a. m., 29.88 p. m.

River gage, [illegible]

THERMOGRAPH.



BAROGRAPH.



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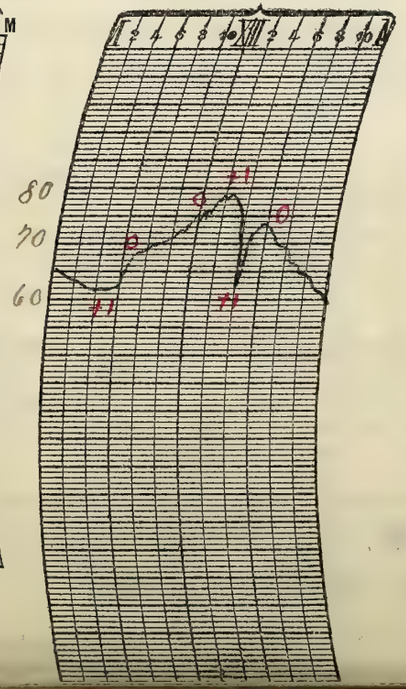


NOTES.

Thunderstorm:- First thunder heard 12:15 pm; last heard at 12:28 pm. The storm moved from the west

Thunderstorm;- First thunder [illegible] 3:20 pm; last heard at 4:[illegible] The storm moved from the west

Prepared by [illegible]

Verified by P.M.S.O.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 20 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	56	55	58		65	68	71	72	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunrise: Time, 4:09 Character, Clear					.85	0.9						
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	7	8	8	6	6	4	5	10	10	12	3	0

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	75	77	76	75	74	72	68	66	64	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly				Clear					
Sunset: Time, 7:16 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	W	W	WNW	WNW	N	N	N	N	NE	E	E	E
Wind movement	12	13	12	10	9	6	6	3	4	4	4	5

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 13.2

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 87

Prevailing direction, W

Total movement, 190

Average hourly velocity, 7.9

Maximum velocity,	Direction,	Time.
15	W	Began 1:12 pm

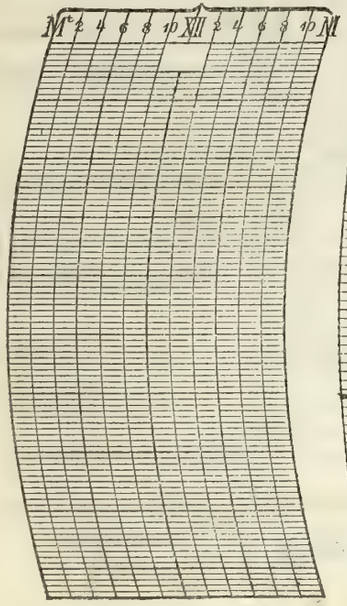
Extreme velocity, 16 W 1:12 pm

Relative humidity, 7 a. m., 81; 12 M. 43; p. m., ; p. m.,

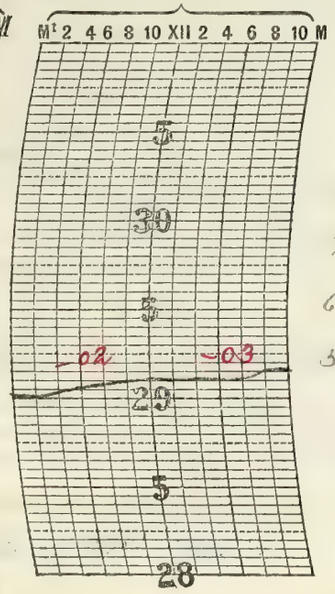
Reduced barometer, 29.98 a. m., 29.92 p. m.

River gage, 3.1 ft.

THERMOGRAPH.



BAROGRAPH.



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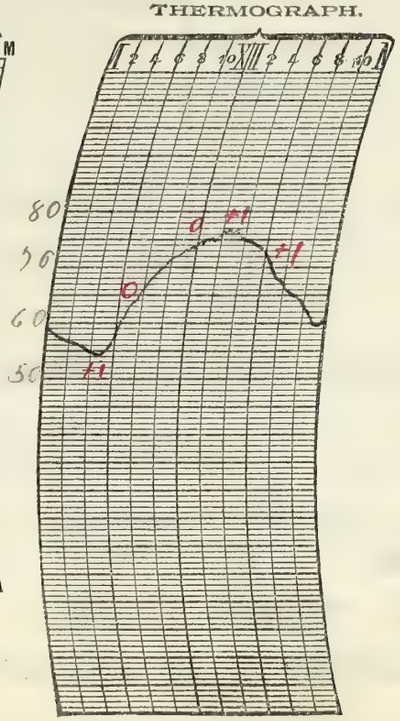


NOTES.

Prepared by E. W.

Verified by F. M. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 21 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	54	58	57	57	62	[illegible]	69	72	76	78	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?		Pt Cloudy					×	Cloudy			
Sunrise: Time, 4:09 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.5	0.4	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	SW	SW	W
Wind movement	5	4	2	4	3	4	6	7	8	8	10	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	78	80	80	79	77	76	71	67	66	66	65
State of weather: Nature of precipitation and time of beginning and ending	RB 12:35 RE 12:35				RB 4:05 RE 4:13				RB 8:25 RE 8:50			
Amounts of precipitation	.14				T				.03			
Cloudiness and other conditions		×	Pt Cloudy					×	Cloudy			?
Sunset: Time, 7:16 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.9	1.0	0.8	0.6	0.3	0	0				
Wind direction	W	W	W	W	W	SW	SW	SW	NW	N	SE	S
Wind movement	8	3	8	[illegible]	7	8	6	5	5	4	[illegible]	[illegible]
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	57	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 6.5

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 43

Prevailing direction, SE

Total movement,

Average hourly velocity,

Maximum velocity, 28 Direction, NW Time. Began 12:03 pm

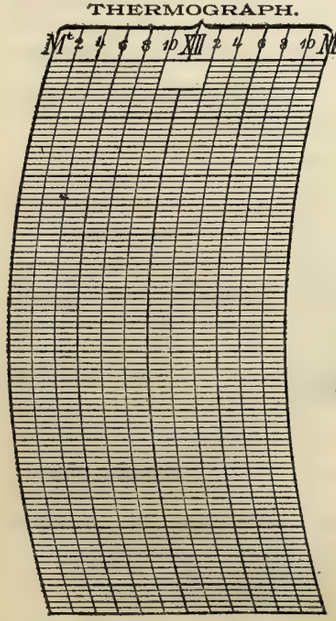
Extreme velocity, 28 NW 12:03 pm

Relative humidity, 7 a. m., 70; 12 m., 50; 7 p. m., 52

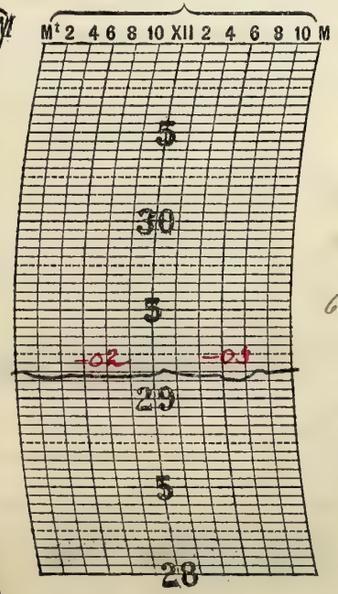
Reduced barometer, 30.04 a. m., 30.01 p. m.

River gage, 2.8 ft.

THERMOGRAPH.



BAROGRAPH.



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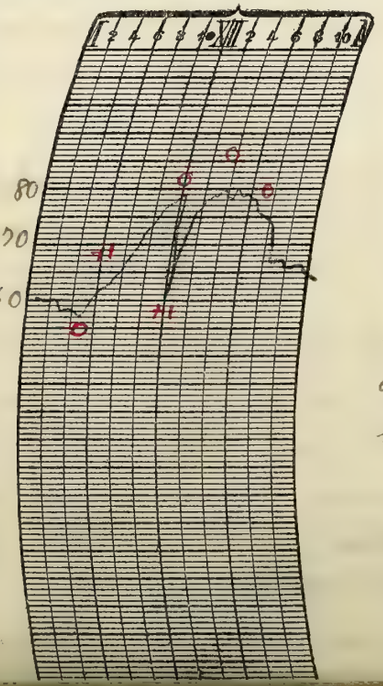


NOTES.

Summer begins at 6:14 pm this date

Thunderstorms:- First thunder heard at 12:05 pm; last heard at 12:35 pm. The storm passed an easterly course. Second storm first thunder heard at 8:30 pm; last at 8:50 pm. The storm moved from the west.

Prepared by G. O. S.
Verified by P. M. S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 22 1917, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	64	63	64	65	67	72	75	77	78	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	9	Clear								×	Partly	
Sunrise: Time, Character,	4:09	Clear			.85	1.0	0.3					
Sunshine (in tenths of hours)					0	0	0.7	0.9	1.0	1.0	0.8	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	W	W
Wind movement	7	7	6	4	5	7	7	4	4	4	6	7

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	82	83	81	74	65	66	66	66	65	63	63
State of weather: Nature of precipitation and time of beginning and ending					RB 4:03 RE 4:16 HB 4:38		RE 6:20		RB 8:55			
Amounts of precipitation					.01	.22	.02		T	.05	T	T
Cloudiness and other conditions				×			Cloudy					
Sunset: Time, Character,									7:16	Cloudy		
Sunshine (in tenths of hours)	1.0	0.7	0.8									
Wind direction	W	SW	W	SW	W	N	NE	N	N	E	E	SE
Wind movement	6	9	8	7	6	6	4	4	6	5	4	4

Maximum.	Minimum.	Mean.	Normal.
83	63	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Partly Cloudy Moon phase,
Average daily cloudiness (0–10),
Actual sunshine, hours, 10.3
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 68
Prevailing direction, SW
Total movement, 157
Average hourly velocity, 5.7

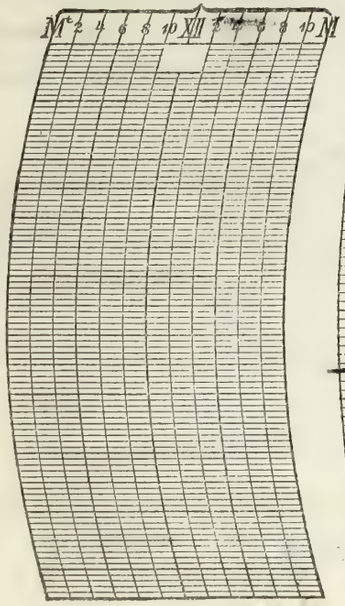
Maximum velocity,	Direction,	Time.
14	W	Began 4:48 pm

Extreme velocity, 16 W 4:48 pm
Relative humidity, 7 a. m., 86; 12 m., ; 7 p. m., ;
Reduced barometer, 30.11 a. m., 30.07 p. m.
River gage,

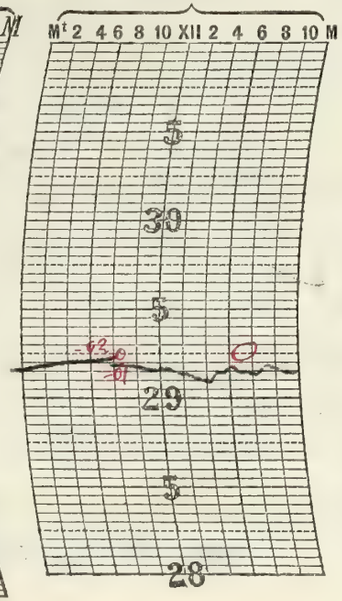
Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

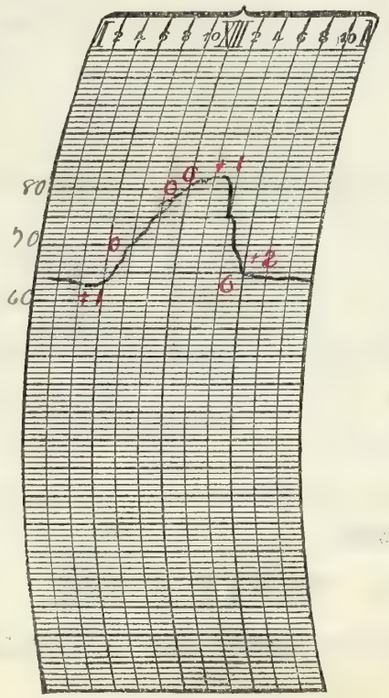
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

*For beginning & ending see June 21, 19—
Thunder — First thunder heard at 4:30 pm, last heard at 6:15 pm. The storm moved from the west. Thunderstorm; — First thunder at 10 pm and continued throughout the night.

Prepared by
Verified by P. Meyer

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 23 1917, 191

Time (local standard), Summer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	65	65	65	62	[illegible]	[illegible]	70	71	71	[illegible]	[illegible]	78	81	82	[illegible]	[illegible]	[illegible]	[illegible]	68	65	62	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending						RA 1:00												RB 5:24 RE 5:29						
Amounts of precipitation	T	T	.01	.28	.83	.15												T						
Cloudiness and other conditions					Cloudy											Partly Cloudy				Cloudy				
Sunrise: Time, 4:[illegible] Character, Clear																					Sunset: Time, [illegible] Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.2	0.4	[illegible]	0	[illegible]	0.6	1.0	1.0	0.5	0.1	0	0	0				
Wind direction	SE	SE	SE	S	SW	SE	S	S	S	S	S	[illegible]	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	[illegible]	[illegible]	11	10	11	12	12	13	16	14	15	19	22	23	15	12	11	12	8	6	5	5
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
8:55 pm June 22nd	6:00 AM June 23rd	1.32	3:50 am	4:50 am	0.11	.07	.23	.38	.43	.45	.50	.57	.68	.76	.84	1.00			

Excessive precipitation, accumulated amounts

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	5[illegible]	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.32 ins.; to 7 p. m., 1 ins.

Total precipitation, midnight to midnight, 1.22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 3.8

Possible sunshine, hours, 15.[illegible]

Percentage of possible sunshine, 22

Prevailing direction, NW

Total movement, [illegible]

Average hourly velocity, 11.2

Maximum velocity, 23 Direction, SW Time. Began 2:23 pm

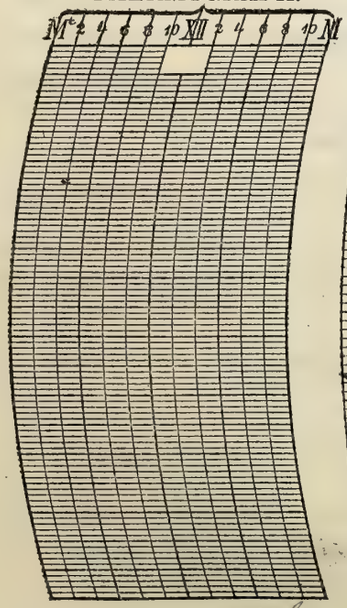
Extreme velocity, 28–SW 2:24 pm

Relative humidity, 7 a. m., 95; 12 p. m., [illegible]; [illegible] p. m., 71

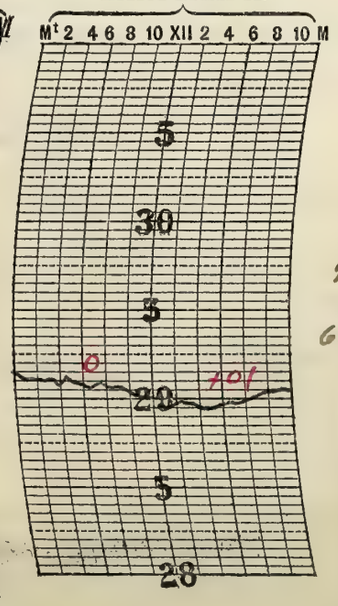
Reduced barometer, 29.99 a. m. 29.91 p. m.

River gage, [illegible]

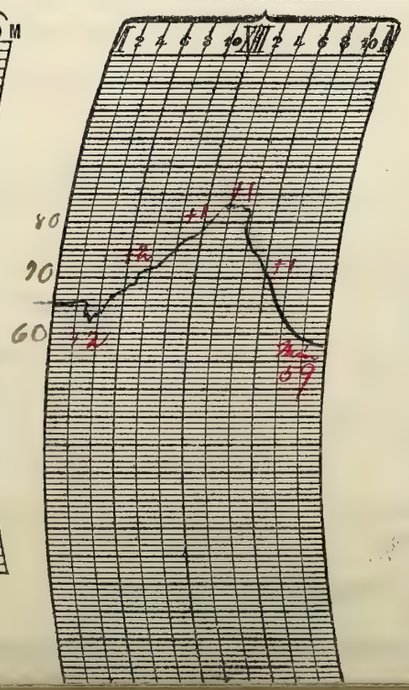
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm;— Thunder which began on previous day ended at 6:00 am

Lightning seen in the southeast at 9:30 pm.

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 24 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	59	59	58	58	57	58	60	61	63	65	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 4:10 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.2	0.4	0	0
Wind direction	W	W	NW	NW	NW	NW	NW	NW	W	NW	W	W
Wind movement	3	5	7	9	6	4	6	6	6	8	10	10
Maximum velocities (exceeding 20 miles) direction and time												
Total duration From—												
Total duration To—												
Total amount of precipitation												
Excessive rate Began—												
Excessive rate Ended—												
Amount before excessive began												
Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	66	67	68	68	65	65	62	62	60	58	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear				Pt Cloudy			
Sunset: Time, 7:17 Character, Cloudy												
Sunshine (in tenths of hours)	0.4	0.4	1.0	1.0	1.0	0.5	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	W	NE	NE	NE	NW	
Wind movement	10	11	10	7	12	8	6		2	1	1	0
Maximum velocities (exceeding 20 miles) direction and time												
Total duration From—												
Total duration To—												
Total amount of precipitation												
Excessive rate Began—												
Excessive rate Ended—												
Amount before excessive began												
Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
68	57	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, _____

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 5.6

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 37

Prevailing direction, NW

Total movement, 155

Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
13	NW	Began 11:40 am

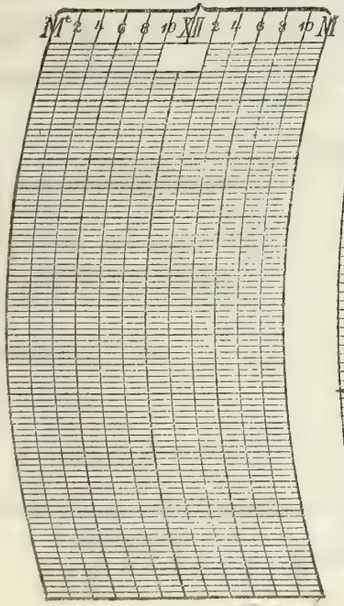
Extreme velocity, 13 — NW — 11:40 am

Relative humidity, 7 a. m., 94; 12 m., 72; 7 p. m., 78

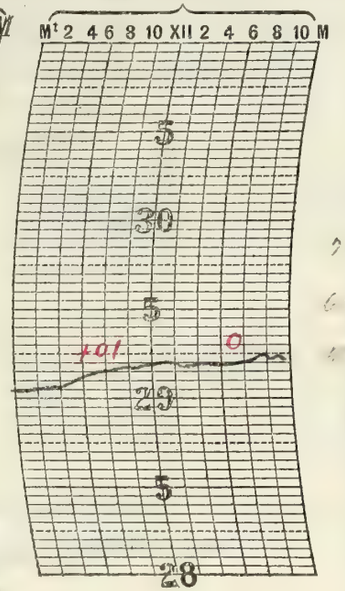
Reduced barometer, 30.09 a. m., 30.23 p. m.

River gage, 6.0 ft

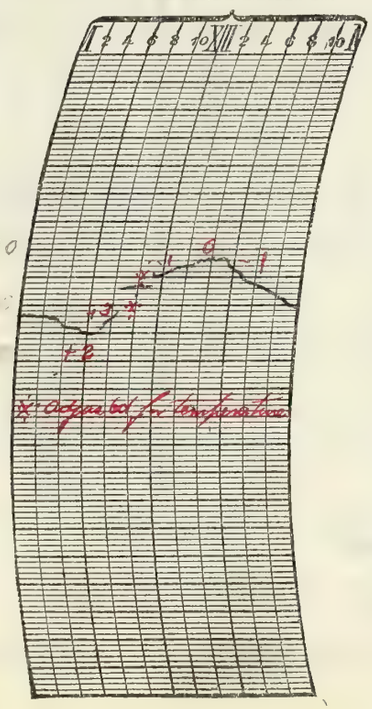
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Sun became obscured at 6:20 pm

Prepared by

Verified by P. McG.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 25 1917, 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	57	56	54	54	60	61	66	69	70	73	75	76	76	69	68	70	70	70	68	67	67	68	68
State of weather: Nature of precipitation and time of beginning and ending															RB 2:35		RL 4:15							
Amounts of precipitation															.04	.09	T							
Cloudiness and other conditions	7		Clear					× Hazy ×			Cloudy							Cloudy						7
Sunrise: Time, 4 Character, Clear					.83	1.0	0.1														Sunset: Time, 7:12 Character, Cloudy			
Sunshine (in tenths of hours)		1			0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0	0						
Wind direction	N	N	NE	E	E	SE	SE	SE	SE	SE	SE	S	SE	SE	N	NE	SE	S	S	S	S	S	S	S
Wind movement	1	3	2	4	3	4	6	7	5	8	7	7	8	7	11	5	13	9	6	4	6	11		
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.12 ins.

Total precipitation, midnight to midnight, 1.12 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 60

Prevailing direction, SE

Total movement, 153

Average hourly velocity, 6.6

Maximum velocity,	Direction,	Time.
16	NW	Began 2:28 pm

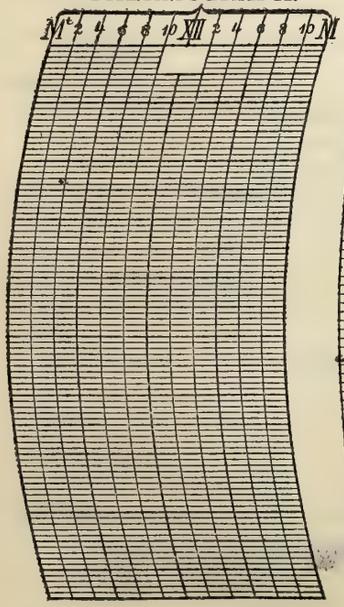
Extreme velocity, 16 NW 2:28 pm

Relative humidity, 7 a. m., 89; 2 p. m., 66; 7 p. m., 78

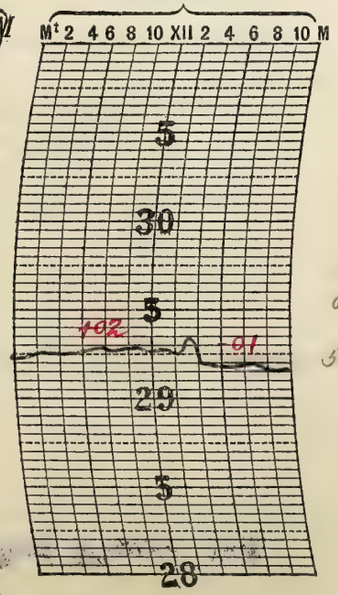
Reduced barometer, 30.23 a. m. 30.10 p. m.

River gage, 5.4 ft.

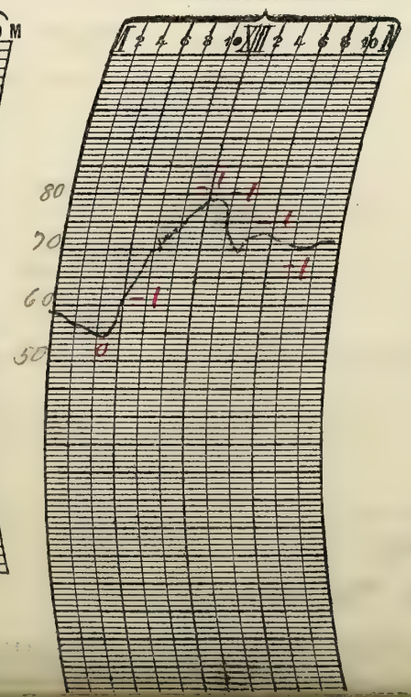
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew this morning

Prepared by E.O.S.

Verified by P.M.S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 26 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	69	70	70	72	75	80	83	85	87	88	77	71	73	72	75	74	72	72	70	70	70	68
State of weather: Nature of precipitation and time of beginning and ending														1:10		3:45								
Amounts of precipitation														.06	.25	.02								
Cloudiness and other conditions	?				Clear								Partly				Cloudy							
Sunshine (in tenths of hours)					0	0	0	0.9	1.0	1.0	1.0	1.0	0.5	0	0	0	0.4	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	N	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	9	11	10	9	12	11	15	14	16	17	19	22	20	14	12	8	6	7	8	11	10	7	6	7

Sunrise: Time, 4:10; Character, Cloudy

Sunset: Time, 7:17; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 5.8

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 38

Prevailing direction, SW

Total movement, 279

Average hourly velocity, 11.6

Maximum velocity,	Direction,	Time.
26	SW	Began 11:47 am

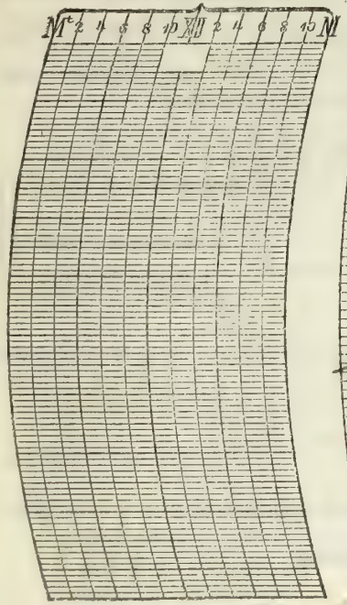
Extreme velocity, 26 SW 11:47 am

Relative humidity, 7 a. m., 82; 12 p. m., [illegible]; 7 p. m., [illegible]

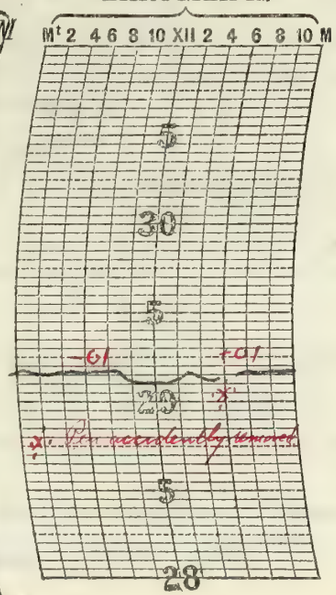
Reduced barometer, 30.09 a. m., 30.07 p. m.

River gage, 5.3 ft.

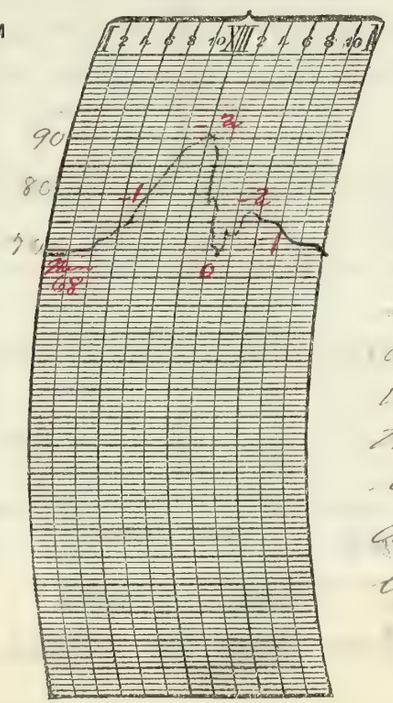
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm – First thunder heard at 1:10 pm; last heard 3:45. The storm moved from the northwest. The thunder and lightning were very severe but there was only a moderate amount of rainfall. Lightning struck in at several places in the city but the damage was slight. During the larger part of the storm it was so dark as to necessitate the use of artificial light for the performance of all indoor work.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 27 1917, 191

Time (local standard), 75th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	66	65	65	[illegible]	[illegible]	[illegible]	70	[illegible]	[illegible]	[illegible]	78	80	81	81	[illegible]	[illegible]	[illegible]	[illegible]	76	72	71	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	2					Cloudy								×			Pt Cloudy							2
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	0.3	1.0	1.0	0.5	0.2	0.7	0.4	0.5 0	0.28 0				
Wind direction	SW	W	SW	SW	W	SW	SW	N	NE	NE	E	SW	SW	W	NW	NW	W	N	N	N	E	NE	E	E
Wind movement	6	4	3	3	1	1	2	1	2	1	2	6	6	5	5	4	3	3	2	3	6	5	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:11; Character, Cloudy

Sunset: Time, 7:17; Character, Clear

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum.	Minimum.	Mean.	Normal.
81			

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to — a. m., — ins.; to — p. m., — ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase, First Quarter

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 5.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 36

Prevailing direction, SW

Total movement, 61

Average hourly velocity, 3.5

Maximum velocity, 7 Direction, W Time. Began 12:24 p.m.

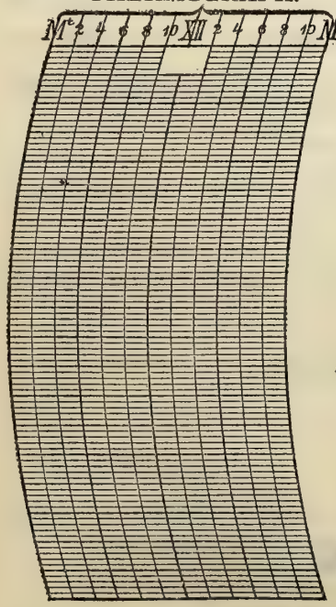
Extreme velocity, 7 W 12:24 p.m.

Relative humidity, 7 a. m., 95; 12 p. m., 65; — p. m., —

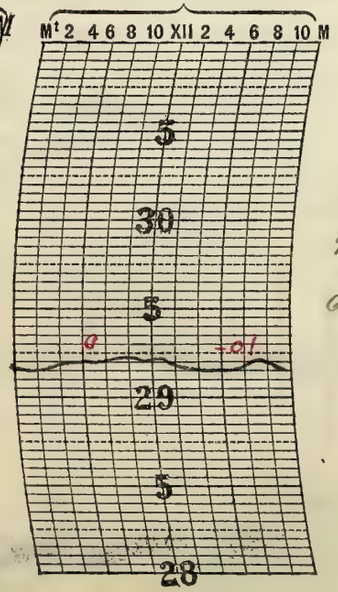
Reduced barometer, 30.16 a. m. 30.05 p. m.

River gage, 2.8 ft.

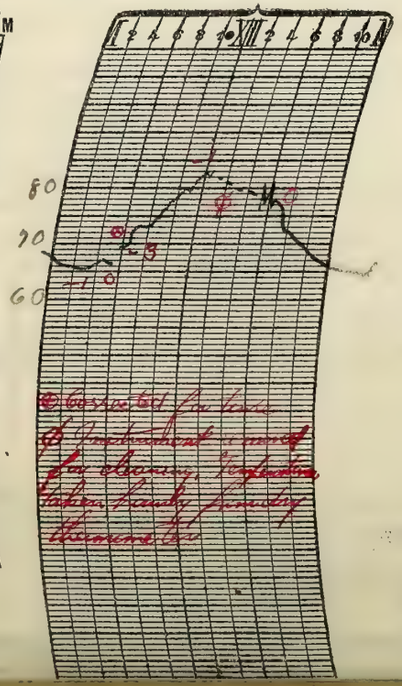
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Corrected for time of instrument error by observing temperature when hourly [illegible] thermometer

NOTES.

Sun began to shine at 6:30 p.m.

Prepared by Ellis

Verified by PMRP.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 28 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	67	67	68	69	69	69	69	69	72	74
State of weather: Nature of precipitation and time of beginning and ending			RB E DNA					RB 7:04			RE 10:10	
Amounts of precipitation			T					.01	T	.01	T	
Cloudiness and other conditions	2				Cloudy							
Sunrise: Time, 4:11; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.6	0.5
Wind direction	E	E	E	S	SW	NW	NW	S	S	SE	S	S
Wind movement	6	6	4	4	7	8	5	3	6	6	7	6
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	78	77	78	77	77	75	66	66	66	66	66
State of weather: Nature of precipitation and time of beginning and ending			RB 2:05	RE 3:40		RB 5:30	RE 6:25	RB 7:25		RE 10:00		
Amounts of precipitation			T	T		.08	T	.02	T	.01		
Cloudiness and other conditions					Cloudy							?
Sunset: Time, 7:17; Character, Cloudy												
Sunshine (in tenths of hours)	0.1	0.8	0.1	0	0.2	0	0	0				
Wind direction	S	S	S	S	S	S	S	NW	NW	W	W	W
Wind movement	5	5	4	2	3	9	9	11	2	3	8	11
Maximum velocities (exceeding miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	66	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 7 ins.; to p. m., ins.

Total precipitation, midnight to midnight, 1.12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 7.2

Actual sunshine, hours, 2.5

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 17

Prevailing direction, S

Total movement, 143

Average hourly velocity, 5.9

Maximum velocity,	Direction,	Time.
22	W	Began 5:42 pm

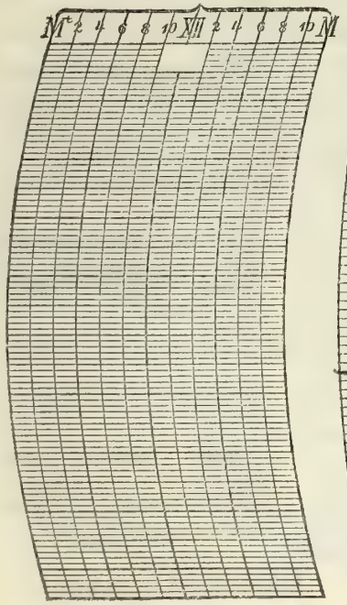
Extreme velocity, 22 W 5:42

Relative humidity, 7 a. m., 84; 12 N 54; 3 p. m., 75

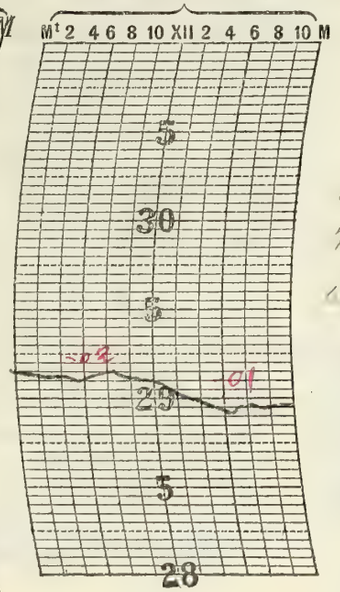
Reduced barometer, 30.02 a. m. 29.85 p. m.

River gage, 5.5 Rise

THERMOGRAPH.



BAROGRAPH.



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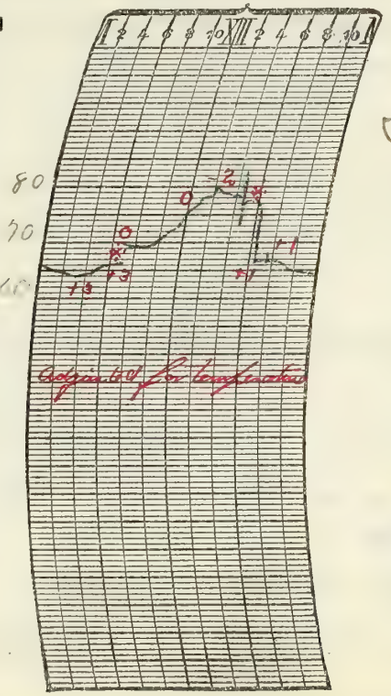


NOTES.

Thunderstorm from 5:10 p.m. to 6:45 p.m.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 29 1917, 191

Time (local standard), ____ mer. ____ hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	67	[illegible]	[illegible]	59	58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	73	73	74	74	75	74	72	69	67	65	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Pt Cloudy								Clear							Clear								
Sunrise: Time, 4:11; Character, Cloudy																					Sunset: Time, 7:17; Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.1	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	0.4	0.8	0.4	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	14	14	11	12	10	12	11	11	10	9	10	9	11	11	11	8	10	9	8	7	5	4	2	2
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
76	50	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.4

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 62

Prevailing direction, NW

Total movement, 254

Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
20	W	Began 1:38 am

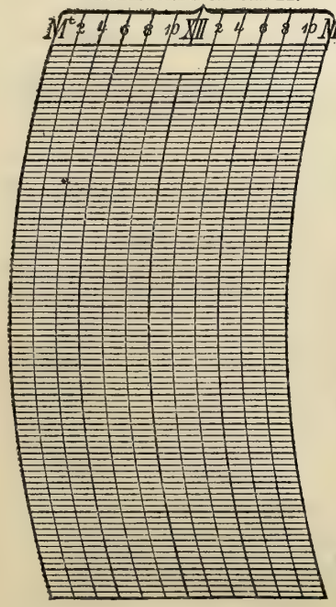
Extreme velocity, 23 — W — 1:38 am

Relative humidity, 7 a. m., 89; 12 m., 55; 7 p. m., 57

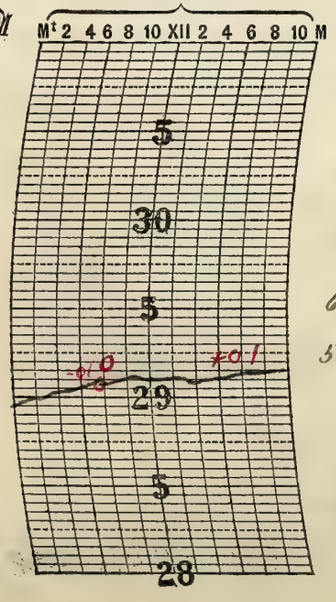
Reduced barometer, 29.99 a. m., 30.05 p. m.

River gage, 6.4

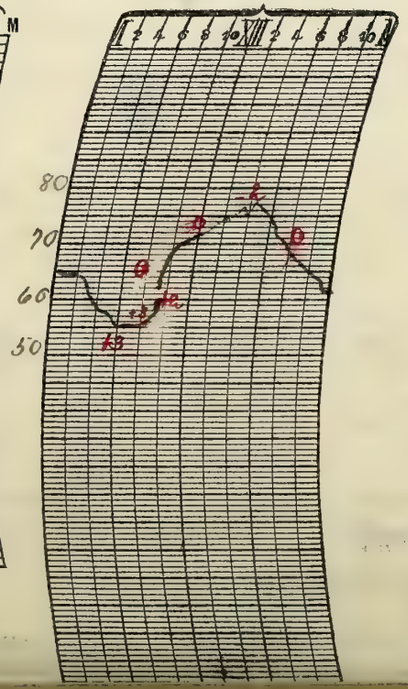
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day as a whole was clear with a light breeze and moderate temperature.

Prepared by CAS
Verified by P. McD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 30 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	57	58	62	65	71	75	76	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear							Cloudy				
Sunrise: Time, Character	4:12 Clear											
Sunshine (in tenths of hours)					.80 0	0.8 0.1	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	0	NW	W	W	SW	SW	SW	SW	S	S	S	S
Wind movement	0	1	3	4	2	3	5	7	6	8	9	12
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	79	80	77	76	74	72	72	73	73	73
State of weather: Nature of precipitation and time of beginning and ending		RB 1:55	RE 2:05				RB 6:25 RE 6:50	RB 7:00 RE 7:15				
Amounts of precipitation		T	T				T	.01				
Cloudiness and other conditions			Cloudy									?
Sunset: Time, Character									9:17 Cloudy			
Sunshine (in tenths of hours)	1.0	0	0.3	0.3	0.6	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SE	S	S	SW	SW
Wind movement	12	11	8	11	15	9	2	5	12	16	19	15

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

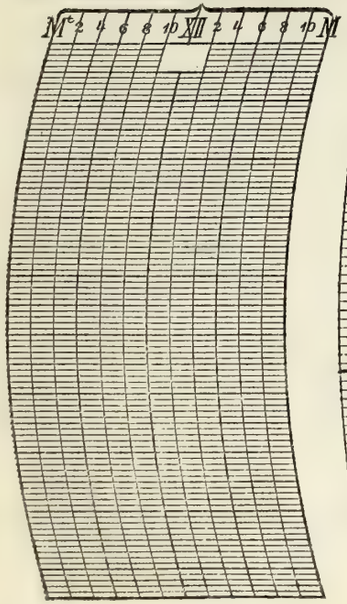
	Maximum.	Minimum.	Mean.	Normal.
	80	54	65	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.9
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 66
Prevailing direction, SW.
Total movement, 195
Average hourly velocity, 8.1

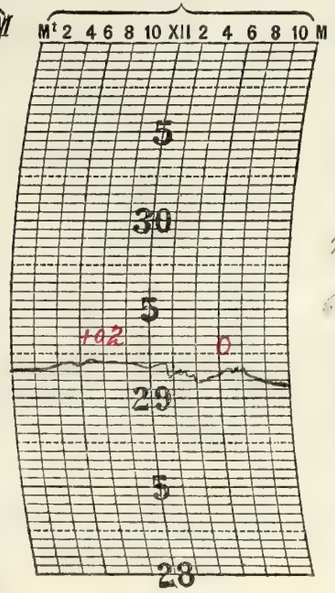
Maximum velocity,	Direction,	Time.
22	SW	Began 10:18 pm

Extreme velocity, 24 SW 10:21 pm
Relative humidity, 7 a. m., 68; 12 m., 42; 7 p. m., 76
Reduced barometer, 30.15 a. m. 30.06 p. m.
River gage, 8.1 ft.

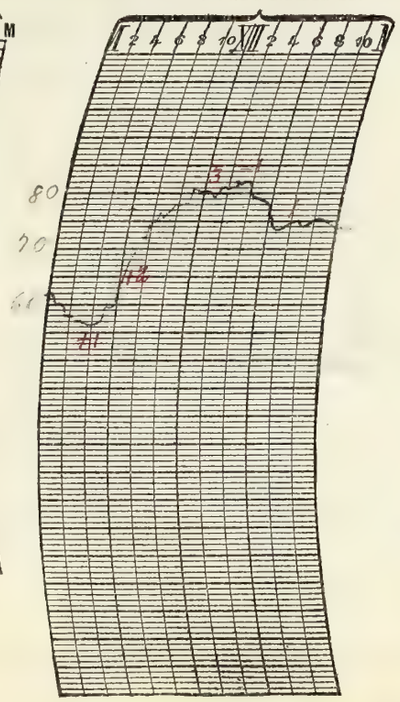
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm: First thunder heard 6:10 pm; last heard at 6:50 pm. The storm moved from the west and was light in character

Prepared by CWS
Verified by P.M.L.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL - 1 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	70	72	73	74	80	81	83	81
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy										Cloudy	
Sunrise: Time, Character,	4:12 Cloudy											
Sunshine (in tenths of hours)					0	0	0.4	1.0	0.4	0.2	1.0	0.6
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	15	19	17	15	15	16	16	18	18	17	21	20
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	78	76	76	75	75	74	73	72	71	69
State of weather: Nature of precipitation and time of beginning and ending				RB 3:11 RE 3:35								
Amounts of precipitation				T								
Cloudiness and other conditions	Cloudy				Pt Cloudy				Clear			
Sunset: Time, Character,									7:17 Cloudy			
Sunshine (in tenths of hours)	0.2	0.2	0.3	0	0	0	0	0				
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	19	17	20	15	14	15	14	12	12	8	12	7
Maximum velocities (exceeding 25 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	69	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 28

Prevailing direction, SW

Total movement, 377

Average hourly velocity,

Maximum velocity, 27 Direction, SW Time. Began 2:21 pm

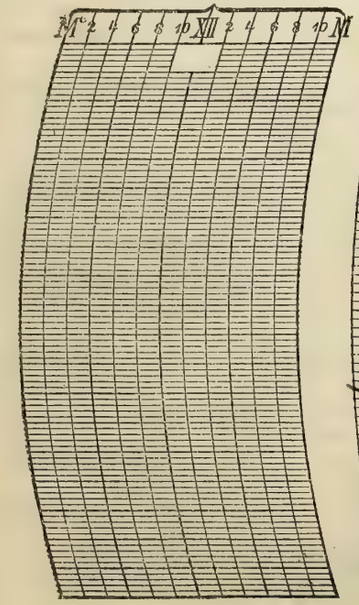
Extreme velocity, 29 - SW — 2:23 pm

Relative humidity, 7 a. m., 65; 12 M., 58; 7 p. m., 86

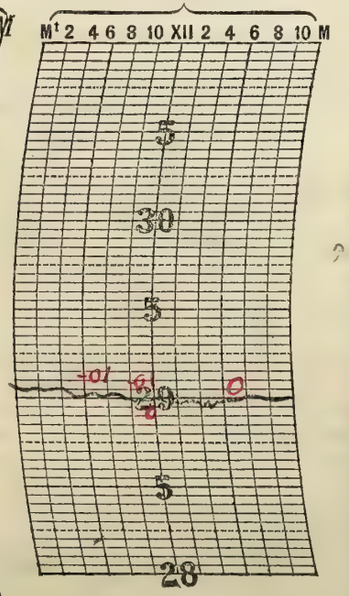
Reduced barometer, 29.90 a. m. 29.70 p. m.

River gage, 8.1 ft.

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

Prepared by
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JUL - 2 1917

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) ....., 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	63	63	62	63	63	66	68	69	72	73	74	75	75	74	72	7	67	67	66	64	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear										× Partly Cloudy							×		Clear →				
Sunrise: Time, 4:13; Character, Clear					.78	1.0	0.2																	
Sunset: Time, 7:11; Character, Partly Cloudy																								
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	0.5	0.6	0.8	0.8	0.9	1.0	0.5 0.4	0.5 0	0				
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	W	W	W	W	W	NW	NW	NW
Wind movement	8	8	8	7	8	8	10	12	12	14	13	14	12	18	16	15	16	11	6	4	4	5	3	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

..... hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	61	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ...

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 13.1

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 87

Prevailing direction, W.

Total movement, 238

Average hourly velocity, 9.9

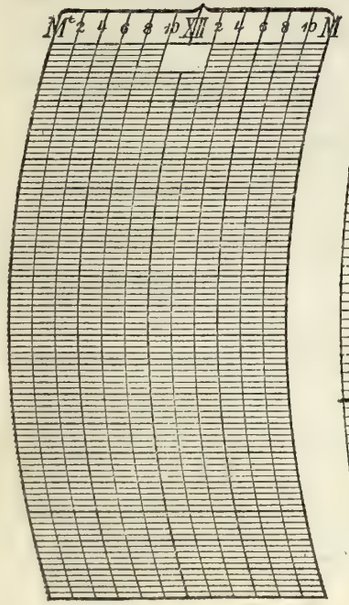
Maximum velocity,	Direction,	Time.
22	SW	Began 2:25 pm
Extreme velocity, 23	SW	2:25 pm

Relative humidity, 7 a. m., 68; 12 M. 42; 7 p. m., 4

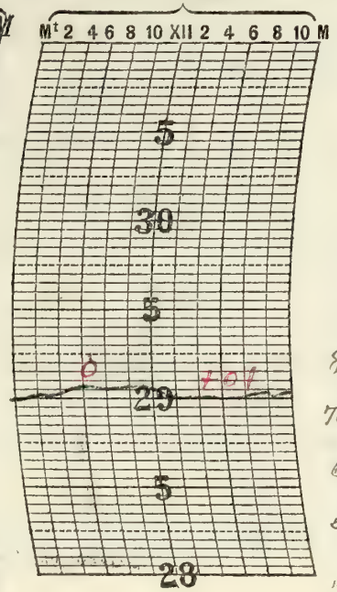
Reduced barometer, 29.28 a. m. 29.23 p. m.

River gage, 8.0 ft.

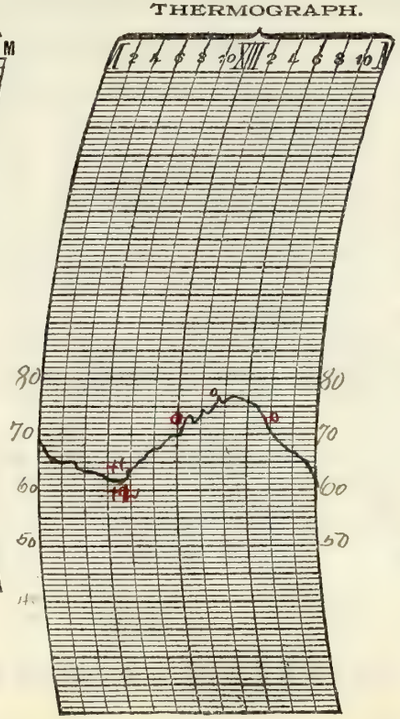
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sun became obscured at 6:30 pm

The day as a whole was clear and was marked by moderate temperature and an abundance of sunshine

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL - 3 1917, 191

Time (local standard), ____ mer. ____ hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	[illegible]	56	54	54	54	58	[illegible]	64	67	68	70	[illegible]	70	70	70	70	70	69	[illegible]	63	61	60	60	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear												Partly Cloudy											?
Sunrise: Time, 4:13 Character, Clear																					Sunset: Time, 7:17 Character, Clear			
Sunshine (in tenths of hours)					.8 0	1.0 0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	0.7	0.6	0	0	0	0				
Wind direction	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	N	N	NE	N	[illegible]
Wind movement	5	5	5	3	1	2	3	8	9	8	6	8	8	8	9	9	8	8	8	8	6	3	2	3
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
72	54	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 72

Prevailing direction, NW

Total movement, [illegible]

Average hourly velocity, 6.0

Maximum velocity,	Direction,	Time.
12	NW	Began 3:10 pm

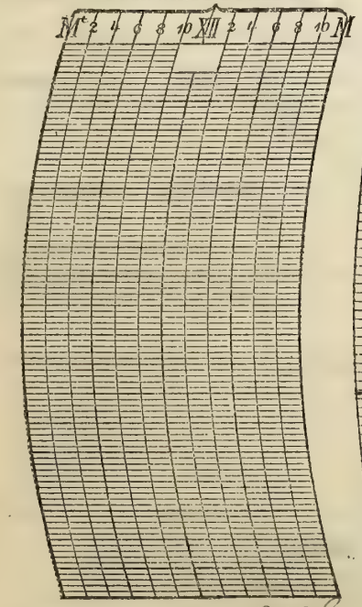
Extreme velocity, 12 NW 3:10 pm

Relative humidity, 7 a. m., 53; 12 M., 41; 7 p. m., 53

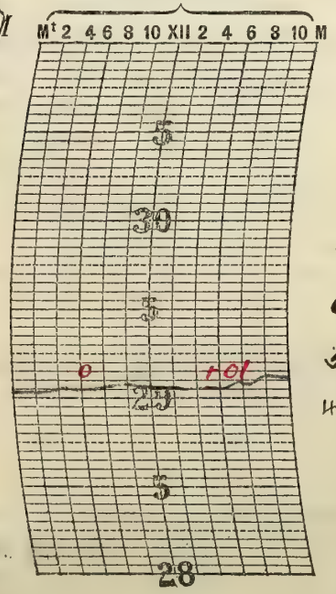
Reduced barometer, 29.73 a. m. 29.66 p. m.

River gage, 8.0 ft.

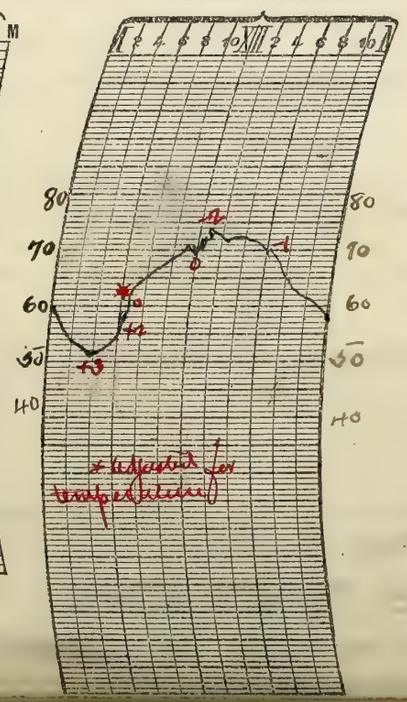
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The forenoon was clear with increasing cloudiness during the afternoon. The day as a whole was pleasantly cool.

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL - 4 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	53	53	52	51	55	58	63	65	66	67	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?			Clear							X	
Sunshine (in tenths of hours)		1			0	0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NW	NE	NE	NE
Wind movement	3	2	4	4	4	5	3	5	5	7	8	6
Maximum velocities (exceeding 20 miles) direction and time												

Sunrise: Time, 4:14; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	71	73	75	74	72	[illegible]	68	65	63	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt Cloudy									?
Sunshine (in tenths of hours)	1.0	0.9	0.8	1.0	1.0	0.9	0	0		1		
Wind direction	NE	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	7	5	6	4	6	4	5	4	3	5	2	2
Maximum velocities (exceeding 20 miles) direction and time												

Sunset: Time, 7:16; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	51	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, FULL 3:20 pm

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 11.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 79

Prevailing direction, NE

Total movement, 119

Average hourly velocity, 5.0

Maximum velocity, 10 Direction, NE Time. Began 11:21 am

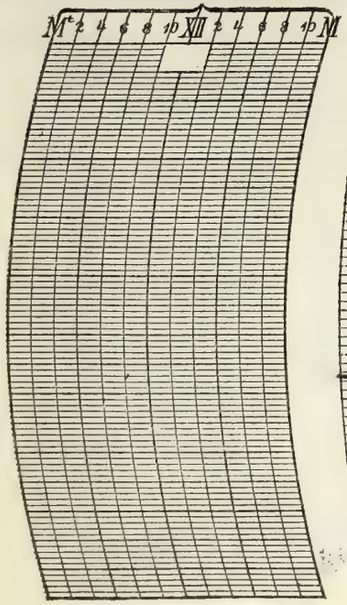
Extreme velocity, 10 NE 11:21 am

Relative humidity, 7 a. m., 72; 12 m. 51; 7 p. m., 47

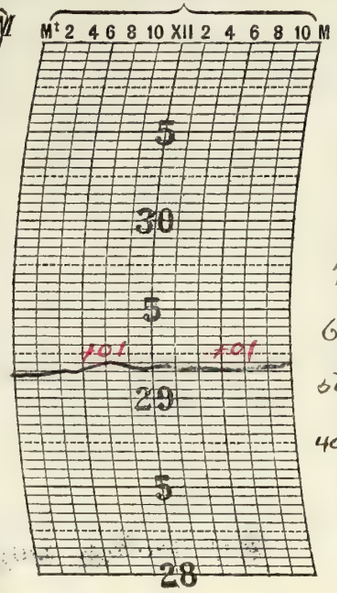
Reduced barometer, 30.11 a. m. 30.09 p. m.

River gage, [illegible]

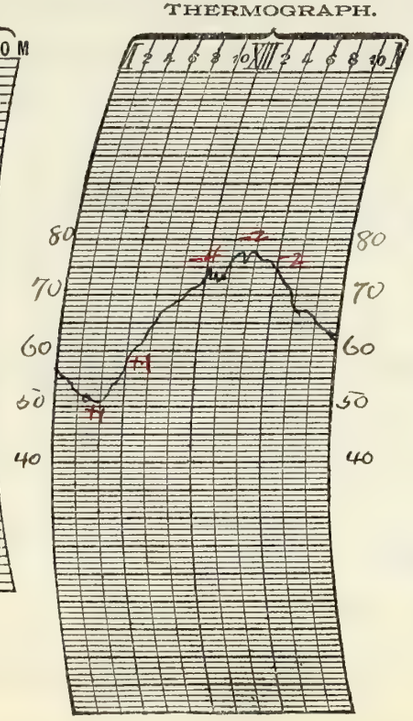
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day as a whole was partly cloudy and the temperature was moderate which made it an ideal day for outings.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL - 5 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	56	58	62	63	70	73	75	75		77	75	76	77	77	76		69	66	64	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	?				Clear								x		Cloudy*				Clear					?
Sunrise: Time, 4:15; Character, Clear																					Sunset: Time, 7:16; Character, *Cloudy			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0		0.9	0.4	0.4	0.7	0.9	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	SE	E	E	E	E	E	NE	NE	E	E	E	E	NE	E	E	E
Wind movement	6	6	5	4	4	3	3	5	6	6	6	7	5	5	5	6	7	7	5	5	6	9	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunshine (in tenths of hours): .25, 0.9

Maximum.	Minimum.	Mean.	Normal.
77	56	66	

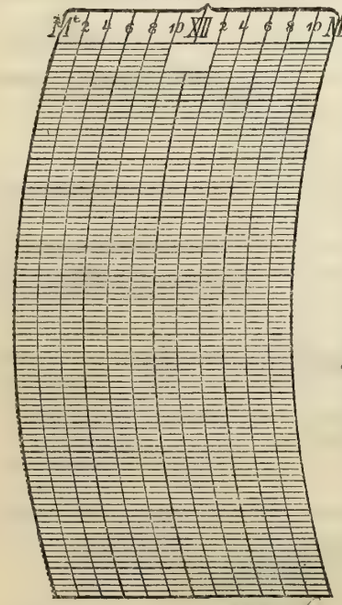
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.8
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 85
Prevailing direction, E.
Total movement, 139
Average hourly velocity,

Maximum velocity,	Direction,	Time.
12	E	Began 10:23 pm
Extreme velocity, 12	E	10:23 pm

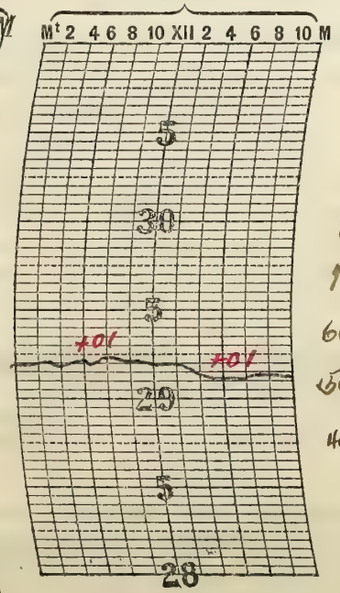
Relative humidity, 7 a. m., 73; 12 m., 50; 7 p. m., 77
Reduced barometer, 30.16 a. m., 30.05 p. m.
River gage, 5.4

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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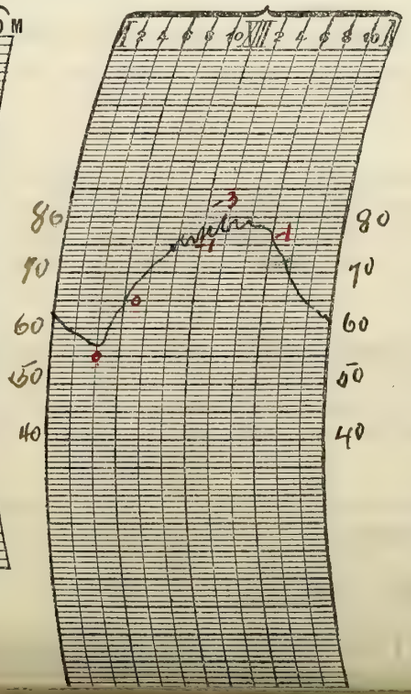


NOTES.

* Sun became obscured at 6:45 pm

Prepared by EMD
Verified by PMD.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JUL - 6 1917

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) ....., 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	58	57	56	56	59	62	69	75	76	78	78	82	81	75	67	68	68	[illegible]	67	68	66	67	66
State of weather: Nature of precipitation and time of beginning and ending															RB 2:48					RE 7:20		RB 9:25		
Amounts of precipitation															T	.20	.07	.02	.04	.01		.54	.12	.62
Cloudiness and other conditions	2	PC				Cloudy					Cloudy							Cloudy						
Sunshine (in tenths of hours)		1			0	0	0	0.2	0.5	0.6	0	0.8	1.0	0.6	0	0	0	0	0	0		1		
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NW	NE	NE	NE	NE	E	SE	E	SE
Wind movement	7	6	5	5	6	5	5	4	4	5	6	6	7	7	5	12	15	10	7	9	7	7	7	6
Maximum velocities (exceeding 29 miles) direction and time																31 SW 3:52								

Sunrise: Time, 4:15; Character, Cloudy

Sunset: Time, 7:16; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: July 6 9:25pm	July 7 2:00 AM	1.70 1.53	9:28pm	9:48pm	.01	.22	.33	.50	.52 .53										

Maximum.	Minimum.	Mean.	Normal.
82	56	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.70 ins.

Total precipitation, midnight to midnight, 1.70 inches.

Character of day, Cloudy Moon phase, ...

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 25

Prevailing direction, E

Total movement, 166

Average hourly velocity, 6.9

Maximum velocity, 31 Direction, SW Time. Began 3:52

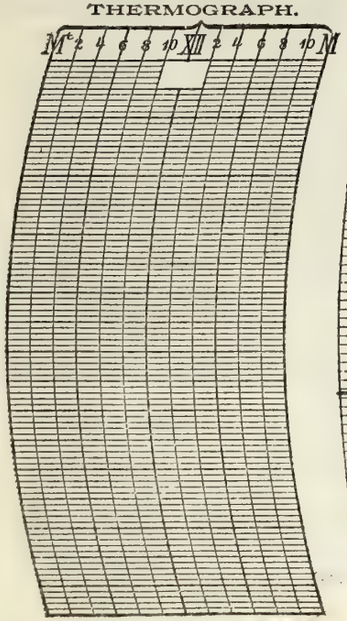
Extreme velocity, 40 SW 3:38

Relative humidity, 7 a. m., 78; 12 N. 60; 7 p. m., 81

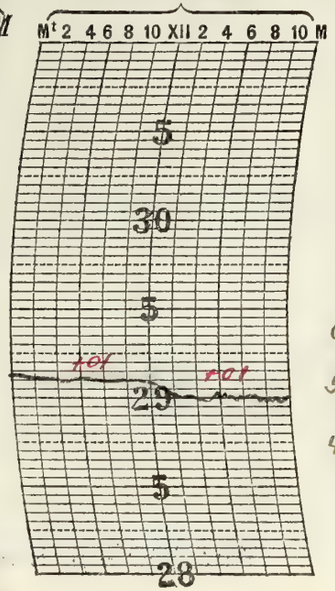
Reduced barometer, 30.03 a. m. / 29.[illegible] p. m.

River gage, 4.5

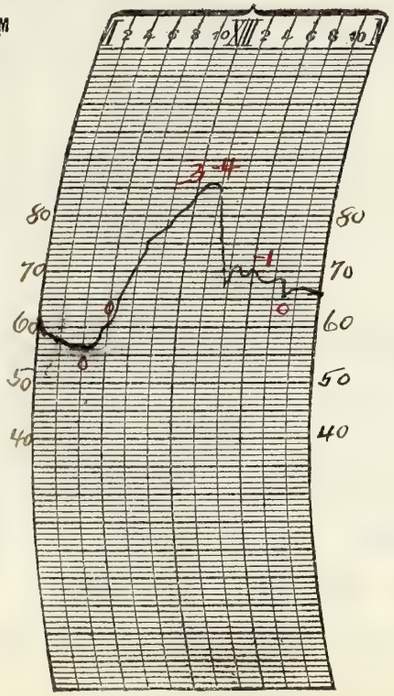
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

7 thunderstorms. First thunder heard at 2:35 pm and continued intermittently throughout the remainder of the day and night. The storm moved from the west and was accompanied by a moderately heavy rain.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL - 7 1917, 191

Time (local standard), 75th mer. — hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	65	66	67	70	71	74	74	76	76
State of weather: Nature of precipitation and time of beginning and ending			SE [illegible]									
Amounts of precipitation	.34	.08	T									
Cloudiness and other conditions	Cloudy						Partly					
Sunrise: Time, Character,	4:16 Cloudy											
Sunshine (in tenths of hours)					0	0	0	0.4	0.5	0.8	0.9	1.0
Wind direction	SE	SE	SE	SE	S	SW	SW	SW	W	NW	NW	NW
Wind movement	6	10	12	8	7	6	7	8	8	8	8	7
Maximum velocities (exceeding 30 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	74	73	73	73	72	67	65	64	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunset: Time, Character,									7:16 Clear			
Sunshine (in tenths of hours)	0.9	1.0	0.9	1.0	0.8	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	12	14	12	9	7	7	6	7	8	7
Maximum velocities (exceeding 30 miles) direction and time												

Sunshine (in tenths of hours): 4:00 0.2; 5:00 1.0; 6:00 1.0; 7:00 .27

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

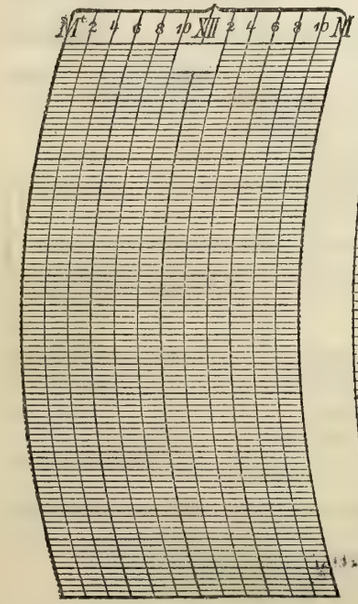
Maximum.	Minimum.	Mean.	Normal.
76	63	70	

Total depth of snow for 24 hours ending 5 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.23 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 1.23 inches.
Character of day, Partly Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.7
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 71
Prevailing direction, NW.
Total movement, 214
Average hourly velocity, 8.9

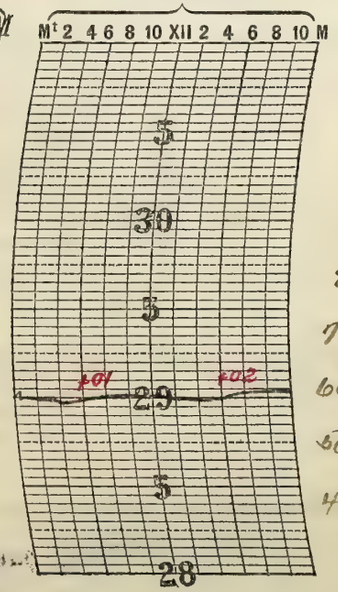
Maximum velocity,	Direction,	Time.
16	NW	Began 8:12 pm

Extreme velocity, 16 NW 8:12 pm
Relative humidity, 7 a. m., [illegible]; 2 p. m., 67; 7 p. m., [illegible]
Reduced barometer, 29.90 a. m. 29.84 p. m.
River gage, 6.1 ft

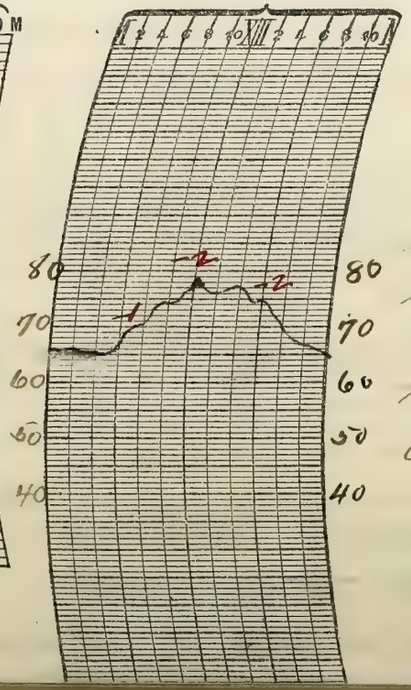
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Thunderstorm:- The thunder which commenced on the previous day ended early this morning. The rainfall during the night was heavy.

A rapid rise in the river occurred today due to yesterday's rain. The crest of 14.2 ft occurred at 3 pm today.

Prepared by [illegible]
Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL - 8 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	63	62	62	63	65	66	69	71	75	76
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunrise: Time, 4:16; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0.1	1.0	1.0	1.0
Wind direction	NW	NW	NW	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	6	8	5	5	3	5	8	8	10	10	6	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	78	80	81	82	81	80	78	76	72	70	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Partly Cloudy								
Sunset: Time, 7:15; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	NE	N	N	N	N	NE	NE	S	O	S	SW	W
Wind movement	5	6	6	5	4	3	2	2	0	3	3	1
Maximum velocities (exceeding 29 miles) direction and time												

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	62	72	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches. ✓

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 8.7

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 58

Prevailing direction, N + NE

Total movement, 117

Average hourly velocity, 5.0

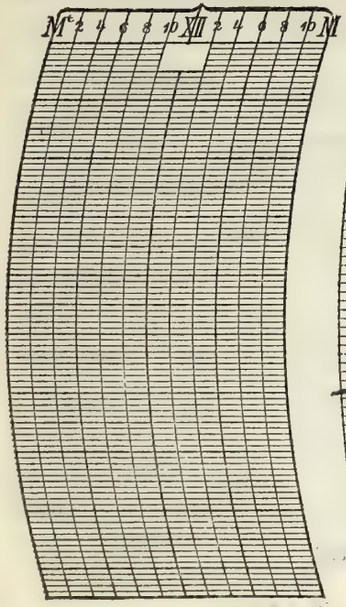
Maximum velocity,	Direction,	Time.
13	NE	Began 8:15 a.m.
Extreme velocity, 13	NE	8:15 a.m.

Relative humidity, 7 a. m., 68; 12 m., 63; 7 p. m., 56

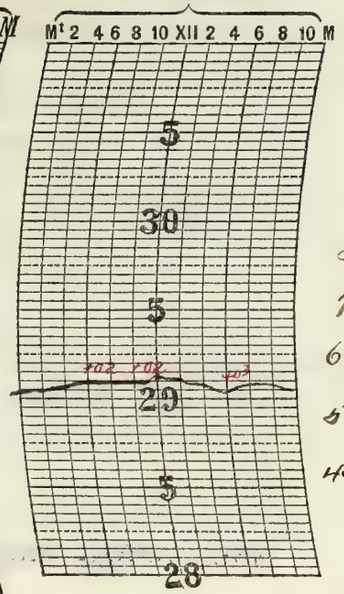
Reduced barometer, 30.04 a. m., 29.96 p. m.

River gage, 12.5 ft.

THERMOGRAPH.



BAROGRAPH.



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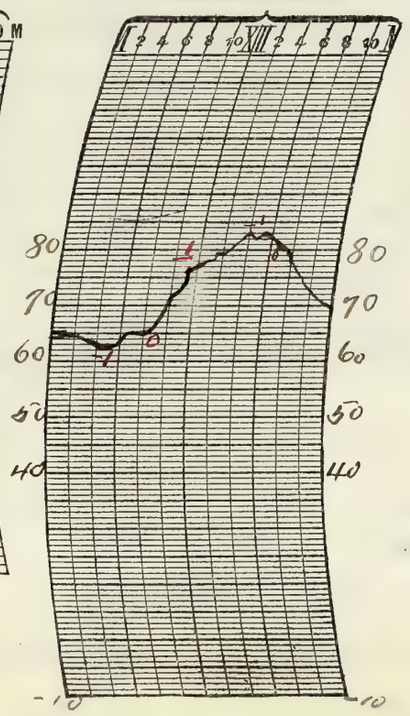


NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL - 9 1917, 191

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	63	63	63	69	74	78	79	82	83	85	86	70	76	77	74	73	68	66	64	62	60
State of weather: Nature of precipitation and time of beginning and ending															RB 2:47 RE 2:56 RNB 3:05	RNE 3:06 RB 3:25 RE 3:31								
Amounts of precipitation															.25	6.3								
Cloudiness and other conditions				Clear									Pt Cldy		Cldy				Clear					
Sunrise: Time, 4:17 Character, Cldy																					Sunset: Time, 7:15 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0	0.6	0.8	0.8	1.0	.25				
Wind direction	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	E	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	1	4	5	7	5	7	5	9	9	12	15	15	25	14	11	7	9	15	12	8	12	7	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts 2:47pm	3:21pm	.87	2:55pm 2:58pm	3:12pm	.02 T	.14 .09	.50 .32	.83 .72	85 .87										

hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	59	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to a. m., ins.; to p. m., .87 ins.

Total precipitation, midnight to midnight, .87 inches.

Character of day, Pt Cldy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.8

Possible sunshine, hours, 15.0

Percentage of possible sunshine, 72

Prevailing direction, SW

Total movement, 213

Average hourly velocity, 8.9

Maximum velocity, 27 Direction, NW Time. Began 2:54pm

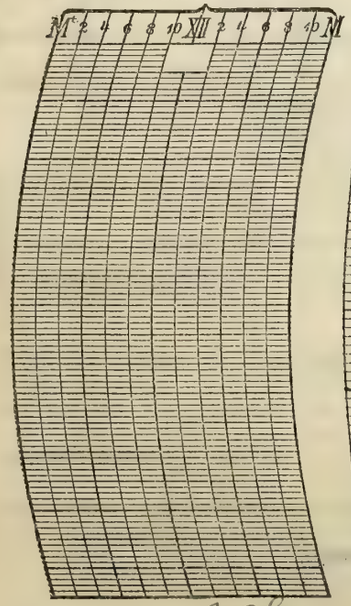
Extreme velocity, 30 NW 2:54pm

Relative humidity, 7 a. m., 81; 12 m., 56; 7 p. m., 72

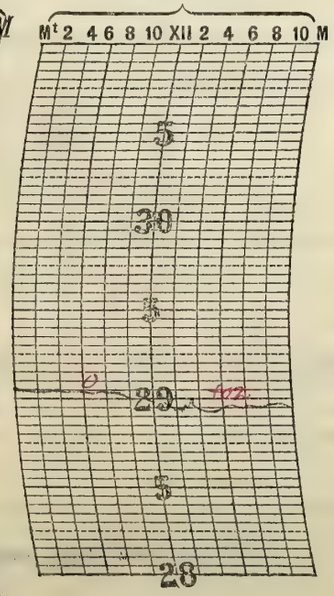
Reduced barometer, 29.90 a. m., 29.87 p. m.

River gage, 9.0 ft.

THERMOGRAPH.



BAROGRAPH.



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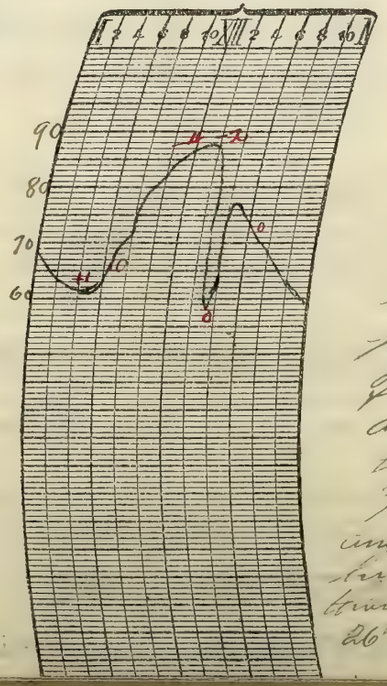


NOTES.

Thunderstorm:- First thunder heard at 2:36 pm., last heard at 3:21 pm. The storm moved from the west and while the electrical display was light in character the storm was attended by heavy rain and hail the total precipitation occurring in a period of ~~thirty~~ five minutes. Damage was done to crops in some places by the hail in outlying districts. The day as a whole was partly cloudy and previous to the storm was quite warm but much cooler afterward remaining cool throughout the night. The temperature fell 26 degrees within an hours time.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 10 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	59	57	57	56	57	57	58	59	63	64	67	69	68	67	66	66	64	60	58	57	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	2				Cloudy								x		Pt Cloudy		x			Clear				
Sunrise: Time, 4:18; Character, Cloudy																					Sunset: Time, 7:15; Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.1	0.3	0.6	0.5	1.0	1.0	0.3	1.0	0.25				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	12	13	13	12	14	12	12	11	13	11	11	12	11	11	14	12	13	9	6	8	7	5	
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

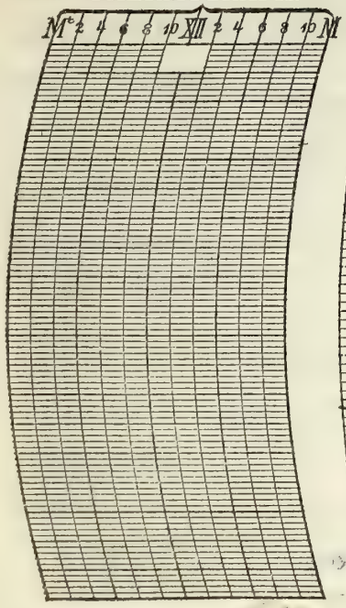
	Maximum.	Minimum.	Mean.	Normal.
	70	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.4
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 36
Prevailing direction, NW
Total movement, 254
Average hourly velocity, [illegible]

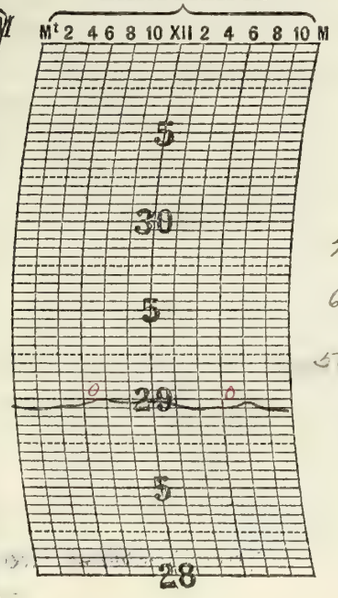
Maximum velocity,	Direction,	Time.
17	NW	Began 2:52 pm

Extreme velocity, 17 NW [illegible]
Relative humidity, 7 a. m., 86; 12 p. m., 59; 7 p. m., 75
Reduced barometer, 29.90 a. m., 29.87 p. m.
River gage, 7.9 ft

THERMOGRAPH.



BAROGRAPH.



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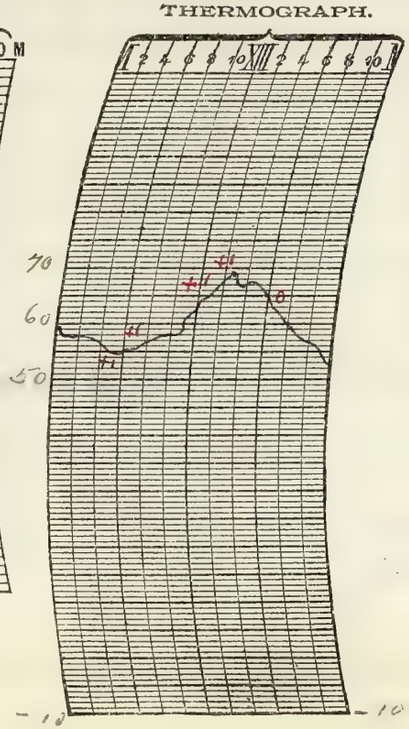


NOTES.

The day opened cloudy and quite cool and while the weather cleared toward evening the temperature remained low throughout the day.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 11 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	50	52	55	58	63	68	69	67	67 RB 11:05 RE 11:00
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												T
Cloudiness and other conditions	?	—	—	Cloudy	—	—	—	—	—	—	—	Cloudy
Sunrise: Time, Character,	4:18 Cloudy											
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	0.6	0	0
Wind direction	W	NW	W	W	NW	W	W	W	SW	SW	SW	SW
Wind movement	4	4	4	3	4	3	7	8	7	5	6	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66 RB 2:00	66	63	61	[illegible]	58	59	58	59 RE 10:45	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.01	.01	.02	.16	.04	.25	.05	T	T	
Cloudiness and other conditions	—	—	—	—	—	—	Cloudy	—	—	—	—	→
Sunset: Time, Character,									7:14 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	W	SE	E	E	E	E	E	E	E
Wind movement	9	9	5	2	2	3	3	4	5	5	4	3

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
69	50	59.1	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .34 ins.

Total precipitation, midnight to midnight, .34 inches.

Character of day, Cloudy Moon phase, LAST QUARTER

Average daily cloudiness (0-10),

Actual sunshine, hours, 2.9

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 19

Prevailing direction, E. S.W.

Total movement,

Average hourly velocity, 4.9

Maximum velocity, 10 Direction, SW Time. Began 12:55 pm

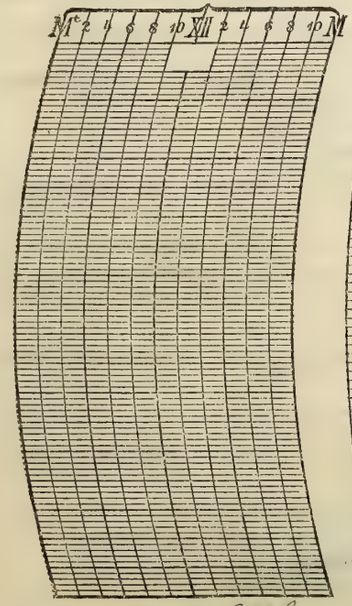
Extreme velocity, 16 — 8.0 — NE 1:15 pm

Relative humidity, 7 a. m., 86; 12 p. m., 76; 7 p. m., 92

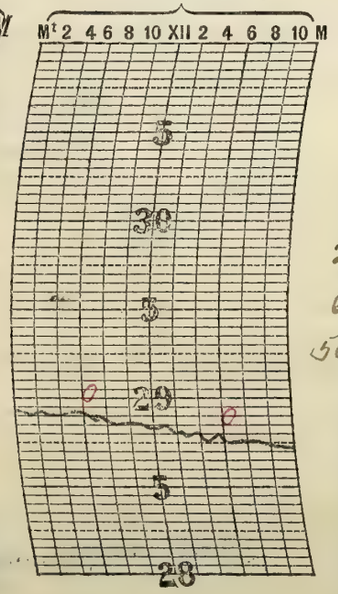
Reduced barometer, 29.83 a. m. 29.67 p. m.

River gage, 6.8 ft.

THERMOGRAPH.



BAROGRAPH.



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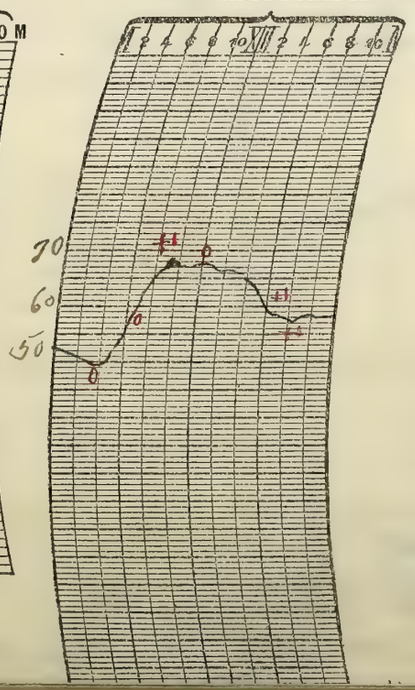


NOTES.

Thunderstorm:- First thunder heard at 3:35 pm, last heard at 10:15 pm. The storm moved from the west

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 12 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	59	59	59	59	59	61	58	60	61	65	67	67	68	68	70	71	70	70	66	64	62	61	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Cloudy												Cloudy					Clear						
Sunrise: Time, 4:19; Character, Cloudy																					Sunset: Time, 7:14; Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.8	0.6	0.9	0.6	0.8	0.6	0.3 0.6	1.0 0	.23 0				
Wind direction	E	S	S	S	SW	W	W	W	W	W	NW	NW	NW	W	NW	W	NW	W	W	SW	S	S	S	S
Wind movement	2	1	1	3	4	7	7	9	10	8	10	10	13	14	13	13	8	6	5	3	5	7	9	11
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	58	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.00 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 6.4

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 43

Prevailing direction, W

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity, 17 Direction, NW Time. Began 12:53 pm

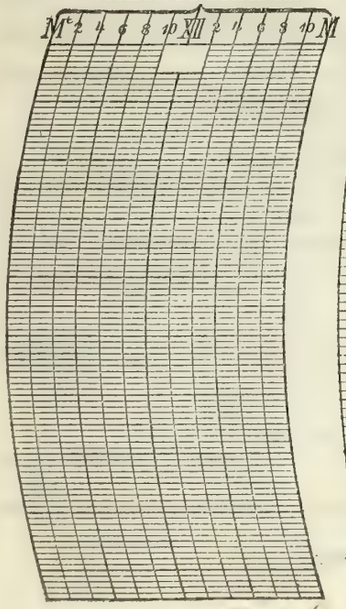
Extreme velocity, 17 NW 12:53 pm

Relative humidity, 7 a. m., ; p. m., ; 7 p. m.,

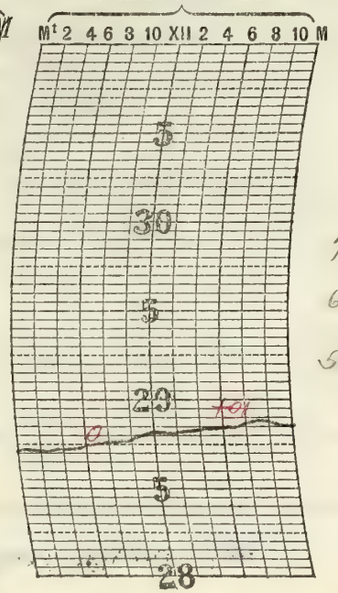
Reduced barometer, 29.65 a. m., 29.[illegible] p. m.

River gage, 6.[illegible]

THERMOGRAPH.



BAROGRAPH.



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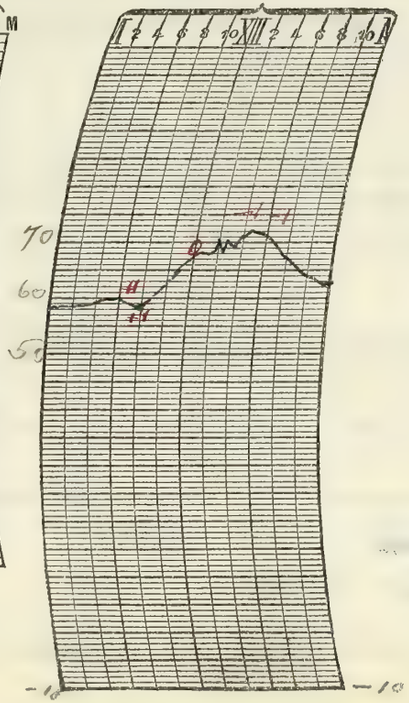


NOTES.

A Fog began at 5:30 am and ended at 10:10 am.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 13 1917, 191

Time (local standard), 75th mer. — hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	61	59	59	59	61	[illegible]	63	62	61	62	64	67	69	72	73	72	71	[illegible]	68	66	65	[illegible]	[illegible]
									RB 8:25			RE 11:50												RB 11:30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation									.02	.09	.04	[illegible]												2[illegible]
Cloudiness and other conditions	?				Cloudy										Pt. Cloudy							Cloudy		?
Sunrise: Time, Character	4:20 Cloudy																				Sunset: Time, Character	7:13 Cloudy		
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0.6	0.7	1.0	1.0	0.9	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	S	SW	SW	SW	S	S	SW	S	SE	SE	S	N
Wind movement	8	10	11	10	9	9	10	10	10	10	9	7	13	14	11	8	11	11	6	5	3	5	5	6
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
73	59	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., ____ ins.; to 7 p. m., 0.19 ins.

Total precipitation, midnight to midnight, 0.48 inches.

Character of day, Pt. Cloudy Moon phase, ____

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 4.2

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 28

Prevailing direction, SW

Total movement, 2[illegible]

Average hourly velocity, 8.8

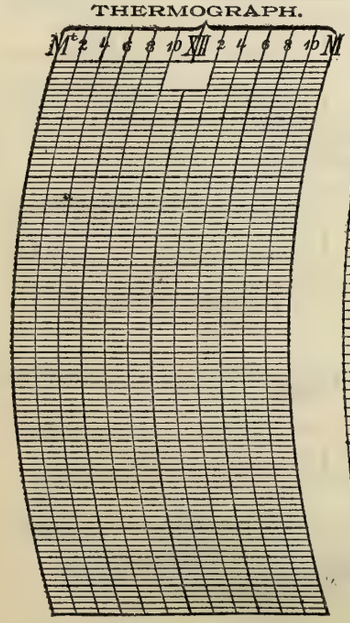
Maximum velocity,	Direction,	Time.
17	SW	Began 1:02 P.M.
Extreme velocity, 18	SW	1:02 P.M.

Relative humidity, 7 a. m., [illegible]; [illegible] p. m., 90; 7 p. m., 79

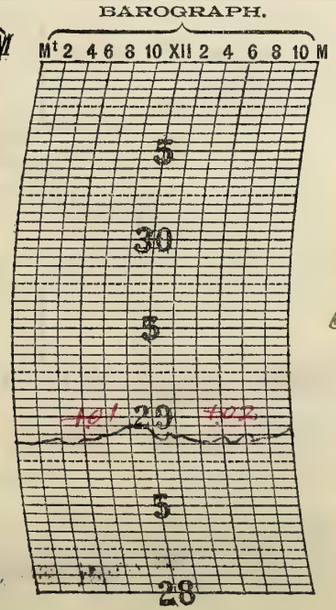
Reduced barometer, 29.80 a. m., 29.79 p. m.

River gage, 6.14

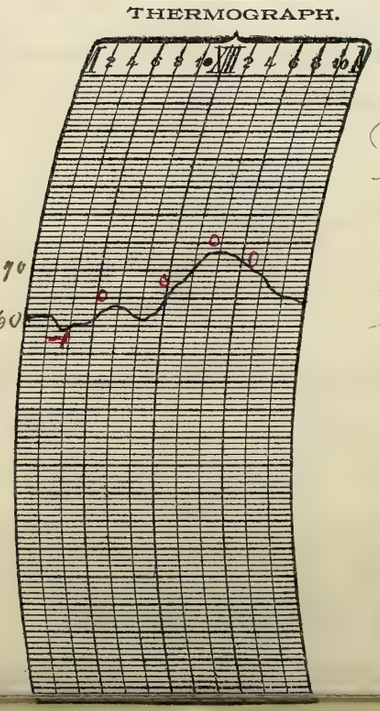
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally Cloudy during the forenoon, Partly Cloudy in the afternoon and evening with increasing Cloudiness late at night. Lightning was observed in the West beginning at 8:45 p.m., and a thunder-storm with rain which began at 11:30 p.m. Continued into the early morning of the 14th.

Although mild to moderately low temperatures prevailed, the weather was somewhat muggy during the day and night.

Prepared by [illegible]

Verified by [illegible]

8—166

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 14 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	62	61	61	63	66	71	73	73	74	74	74	74	76	76	76	75	74	72	67	66	65	65
State of weather: Nature of precipitation and time of beginning and ending	R.E 1225																							
Amounts of precipitation	T																							
Cloudiness and other conditions	?	←			Cloudy			→	Pt. Cloudy				Cloudy		TL	Pt. Cloudy		Cloudy		T	Clear			
Sunshine (in tenths of hours)					0	0	0	0	0.7	0.7	0.1	0.6	0.6	0.1	0.4	0.4	0.1	0	0	0				
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	W	W	W	NW	NW	NW	SW	SW	SW
Wind movement	9	8	12	9	6	4	6	6	10	10	12	13	15	13	11	12	11	7	5	4	4	5	5	6

Sunrise: Time, 4:21; Character, Cloudy

Sunset: Time, 7:13; Character, Cloudy

Maximum velocities (exceeding 8 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

2 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	61	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .29 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 3.7

Possible sunshine, hours, 14.9

Percentage of possible sunshine, 25

Prevailing direction, SW

Total movement, 203

Average hourly velocity, 8.5

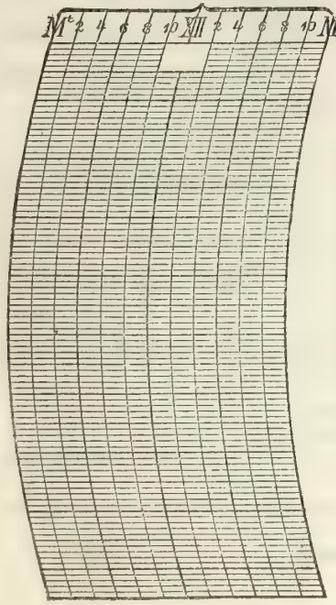
Maximum velocity,	Direction,	Time.
18	W	Began 12:42 pm
Extreme velocity, 19	W	12:45 pm

Relative humidity, 7 a. m., 90; 12 m., 74; 7 p. m., 62

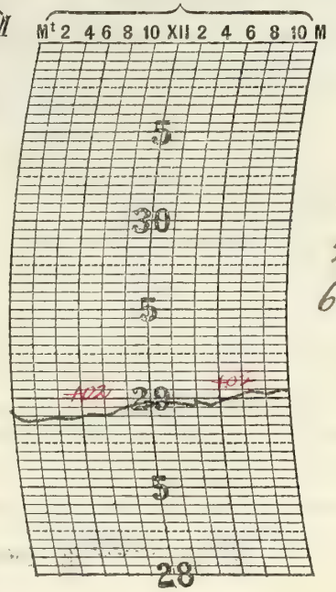
Reduced barometer, 29.83 a. m. 29.91 p. m.

River gage, 5.0 ft.

THERMOGRAPH.



BAROGRAPH.



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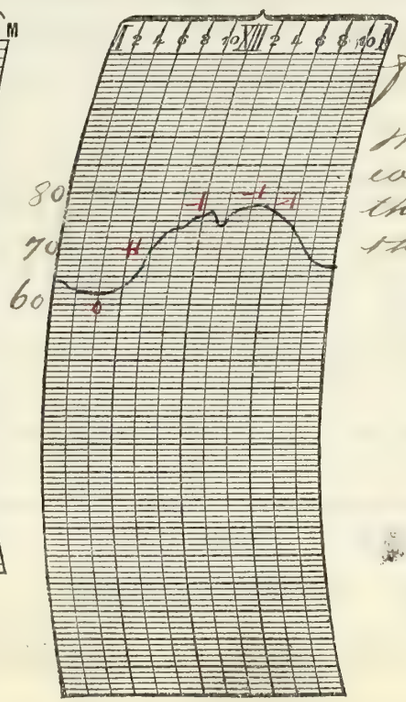


NOTES.

The thunderstorms which continued from the 13th, ended at 12:25 am. Generally partly cloudy weather, with moderate temperature. The day, as a rule, was fine. The night was mostly clear, but there were frequent flashes of lightning in the south and west.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 15 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	63	63	62	61	65	71	76	78	79	79	81	77	77	79	78	77	76	72	71	71	69	66
State of weather: Nature of precipitation and time of beginning and ending														RB 1:47 RE 1:52			RB 4:30 RE 4:50			RB 7:25 RE 750				
Amounts of precipitation														T			T			.10				
Cloudiness and other conditions	Clear												Pt. Cloudy							Cloudy				
Sunshine (in tenths of hours)					0.65 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.5	0.4	0.2	0.2	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW	N	SW	SW	E	SW	SW	SW
Wind movement	5	7	5	6	6	6	6	8	8	13	15	15	12	17	12	10	12	4	1	3	1	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:21; Character, Clear

Sunset: Time, 7:12; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	81	61	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.10 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 10.6

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 72

Prevailing direction, SW

Total movement, 183

Average hourly velocity, 7.6

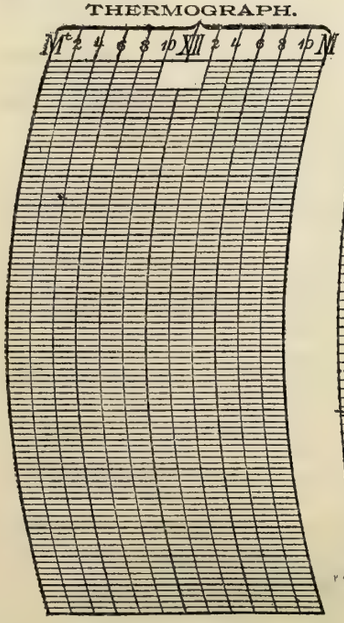
Maximum velocity,	Direction,	Time.
20	SW	Began 1:38 P.M.
Extreme velocity, 21	SW	1:38 P.M.

Relative humidity, 7 a. m., 92; 12 m., 47; 7 p. m., 57

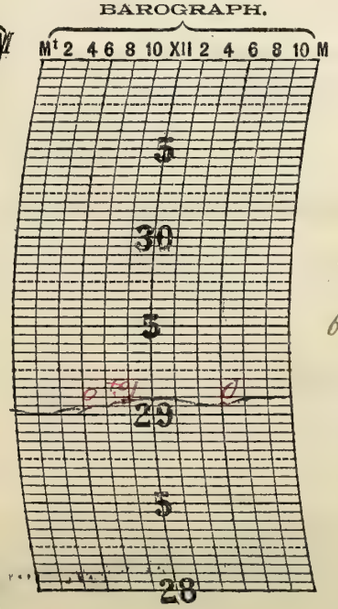
Reduced barometer, 29.95 a. m., 29.97 p. m.

River gage, 5.4 ft.

THERMOGRAPH.



BAROGRAPH.



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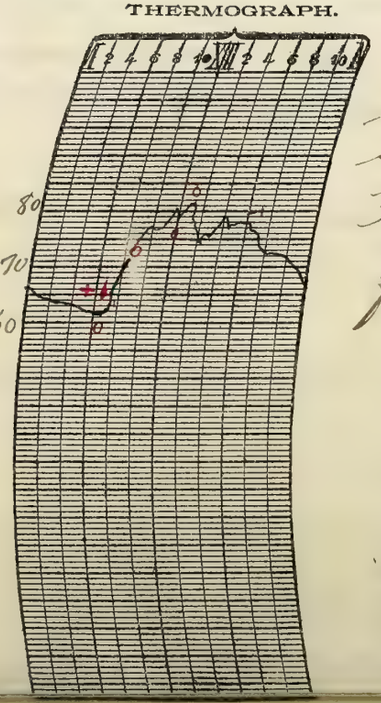


NOTES.

Moderate temperatures, but somewhat muggy. Clear during the forenoon, with increasing cloudiness and showers in the afternoon and evening. Two thunderstorms of slight intensity occurred; one from 2:45 p.m. to 3:00 p.m., and the other from 7:35 p.m. to 8:00 p.m.

Prepared by P.M.S.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 16 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	62	62	63	65	69	69	65	64	69
									R.B. 840	— —	R.E. 1050	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									.03	.23	.03	
Cloudiness and other conditions									Cloudy			
Sunrise: Time, 4:22 Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	NW	N	NW	E	NE	E
Wind movement	7	8	7	4	4	3	4	1	4	4	4	2
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	72	71	71	70	69	68	67	67	65	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 7:11 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	E	E	SE	S	E	E	E	E	SE	S	S	SE
Wind movement	2	3	6	5	3	3	5	3	5	4	5	3
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
72	62	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., .26 ins.

Total precipitation, midnight to midnight, 0.26 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 100

Average hourly velocity, 4.2

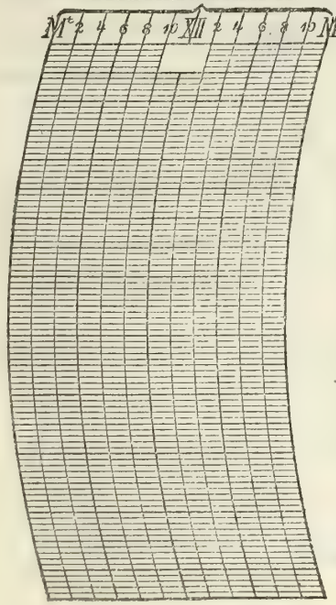
Maximum velocity,	Direction,	Time.
9	SW	Began 1:36 am
Extreme velocity, 9	SW	1:36 am

Relative humidity, 7 a. m., 85; ~~12 m.~~, 95; 7 p. m., 85

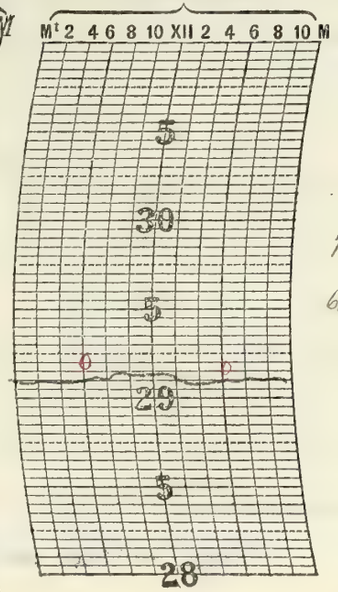
Reduced barometer, 30.00 a. m. 29.98 p. m.

River gage, 6.4 ft

THERMOGRAPH.



BAROGRAPH.



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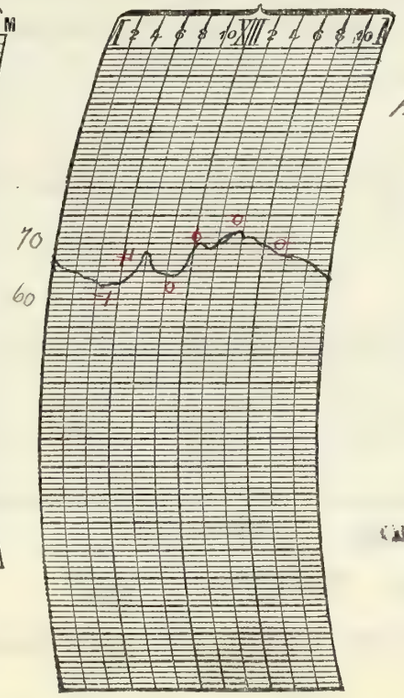


NOTES.

Cloudy, with moderate temperature, and muggy.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 17 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	59	60	61	63	63	66	69	72	73
State of weather: Nature of precipitation and time of beginning and ending				7.13 E 11 N 0								
Amounts of precipitation				T								
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, 4:23; Character, Cloudy												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.2
Wind direction	NE	E	E	E	E	S	S	SW	SW	SW	SW	SW
Wind movement	1	3	3	3	2	3	6	5	6	7	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	75	72	70	68	67	65	64	63	62	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cloudy →								← Clear →			
Sunset: Time, 7:11; Character, Cloudy												
Sunshine (in tenths of hours)	0.4	0.9	1.0	0.9	0.5	0	0	0				
Wind direction	SW	SW	SW	W	NW	W	W	W	SW	SW	W	W
Wind movement	9	13	14	11	11	7	6	5	6	7	6	5

Maximum velocities (exceeding 30 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
76	59	68	

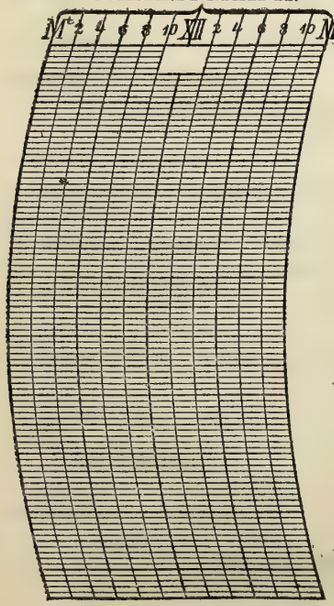
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.9
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 26
Prevailing direction, SW
Total movement, 155
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
15	SW	Began 1:54 pm
Extreme velocity, 16	SW	1:58 pm

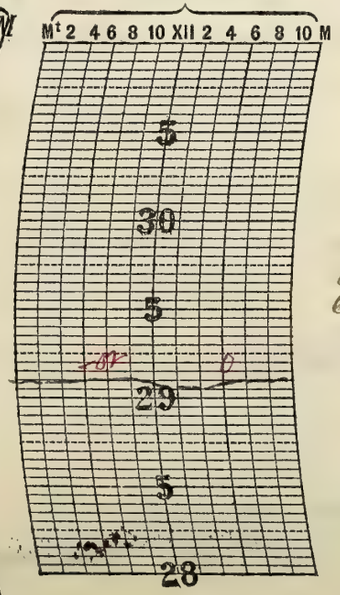
Relative humidity, 7 a. m., 75; 12 m., 69; 7 p. m., 82
Reduced barometer, 29.99 a. m., 29.98 p. m.
River gage, 7.5 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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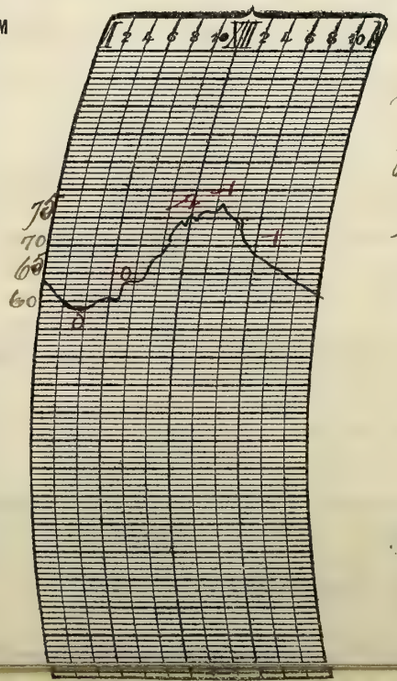


NOTES.

Generally fairly cloudy with moderate temperature. A few peals of thunder were heard between 10:45 am and 11:00 am. Weather mostly clear from 6:30 pm, but sun obscured at setting.

Prepared by

Verified by

8—486

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 18 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	58	57	57	58	61	63	68	72	73	74	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, Character			4:14	Clear								
Sunshine (in tenths of hours)					0.60 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	SW	W	W	W	W	W	SW
Wind movement	5	6	6	6	5	5	6	8	10	11	12	11
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	68	68	74	74	74	72	69	67	65	64	65
State of weather: Nature of precipitation and time of beginning and ending			RB 2:25	RE 3:10								
Amounts of precipitation			T	.01								
Cloudiness and other conditions	Pt. Cloudy		Cloudy		Pt. Cloudy		Cloudy		Clear			
Sunset: Time, Character									7:10	Cloudy		
Sunshine (in tenths of hours)	1.0	0.8	0.3	0.4	1.0	0.6	0	0				
Wind direction	SW	NW	SW	W	W	W	W	W	NE	W	S	SW
Wind movement	13	11	12	7	8	5	3	3	1	3	5	4

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
77	57	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt. Cloudy Moon phase, Full 9:00 p.m.

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 11.7

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 79

Prevailing direction, W

Total movement, 166

Average hourly velocity, 6.9

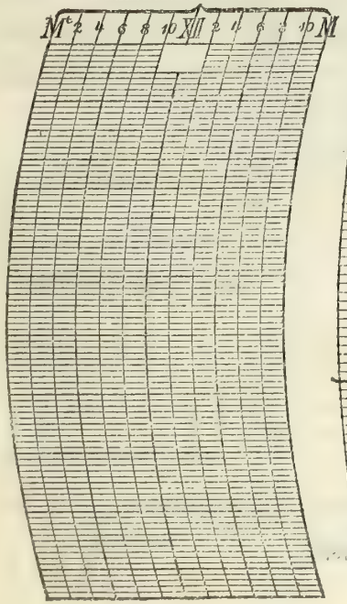
Maximum velocity,	Direction,	Time.
19	SW	Began 2:31 pm
Extreme velocity, 19	SW	2:31 pm

Relative humidity, 7 a. m., 77; 12 p. m., 54; 7 p. m., 64

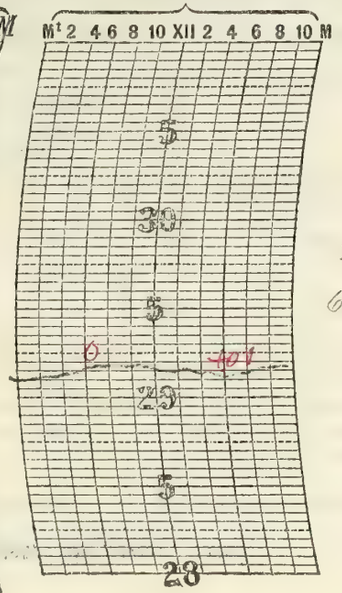
Reduced barometer, 30.06 a. m. 30.03 p. m.

River gage, 6.3 ft.

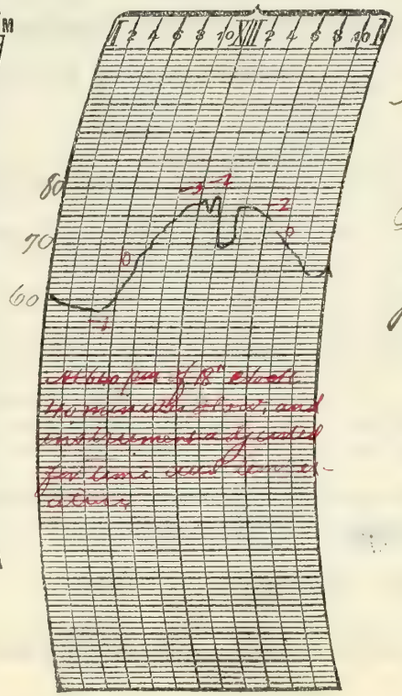
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear skies prevailed until 10:30 am when clouds began to form, the weather becoming partly at 11 am, and it remained generally partly cloudy until 8 pm, after which clear skies predominated.

A thunderstorm, attended by light showers, prevailed from 2:15 pm to 2:30 pm; the storm moved from the west.

Although moderate temperatures prevailed, the heat during the late forenoon and early afternoon was somewhat oppressive, due to high humidity.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 19 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	61	60	60	62	66	73	77	79	82	81	72	76	77	74	76	76	75	73	74	70	69	69
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:15 RE 4:25							
Amounts of precipitation																	T							
Cloudiness and other conditions							Clear										Pt. Cloudy							
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0.6	0.1	0.8	0.2	0.7	0.5	0				
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NE	NE	S	S	S	S	SW	S	S	NE	SE
Wind movement	4	5	5	4	6	5	6	7	8	8	9	12	8	8	8	10	7	9	6	9	8	4	9	5

Sunrise: Time, 4:25; Character, Clear

Sunset: Time, 7:09; Character, Cloudy

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

/ hour / slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 12.1

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 82

Prevailing direction, SW

Total movement, 170

Average hourly velocity, 7.1

Maximum velocity, 12 Direction, SW Time. Began 7:22 pm

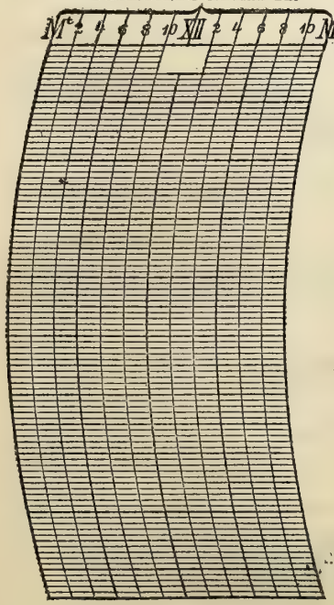
Extreme velocity, 12 SW 7:22 pm

Relative humidity, 7 a. m., 85; 12 p. m., 45; 7 p. m., 58

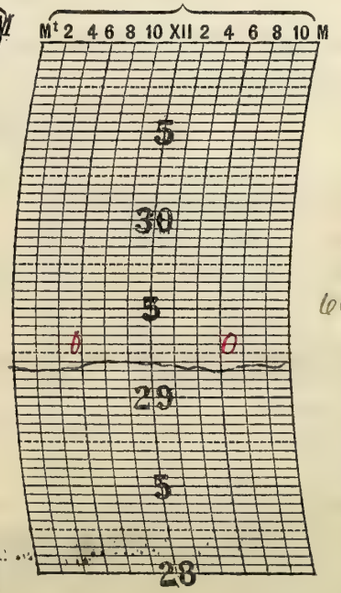
Reduced barometer, 30.10 a. m., 30.06 p. m.

River gage, 6.8 ft.

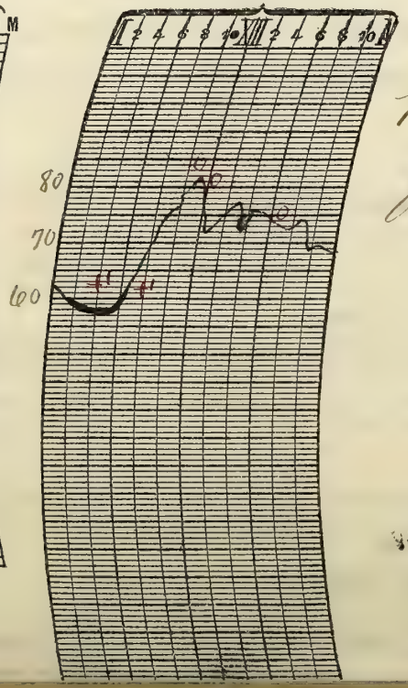
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon Clear, afternoon generally partly Cloudy, moderate temperatures. A thunderstorm of slight intensity, moving from the southwest, occurred from 1.50 pm. to 2.30 pm.

Prepared by P. Med.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 20 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	66	65	64	66	69	74	76	79	82	84	83	85	86	85	84	83	81	77	76	75	73	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←		Clear							→	Cloudy		←			Clear					→	
Sunrise: Time, Character,	4:26 Clear																				Sunset: Time, Character, 7:09 Clear			
Sunshine (in tenths of hours)					0.57 0	08 02	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0 1.0	0 1.0	1.0	1.0	0.4 0.6	.15 0				
Wind direction	SE	S	S	SW	S	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	3	6	5	5	5	6	6	6	6	9	9	11	9	11	12	10	10	10	7	6	7	6	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
86	64	75	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 98

Prevailing direction, SW

Total movement, 145

Average hourly velocity, 7.3

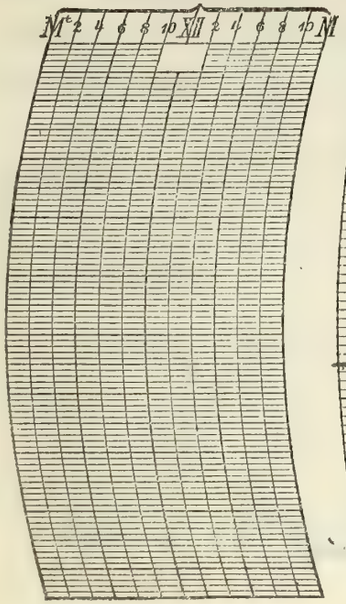
Maximum velocity,	Direction,	Time.
15	SW	Began 1.33 pm
Extreme velocity, 16	SW	1.33 pm

Relative humidity, 7 a. m., 76; 12 m., 47; 7 p. m., 62

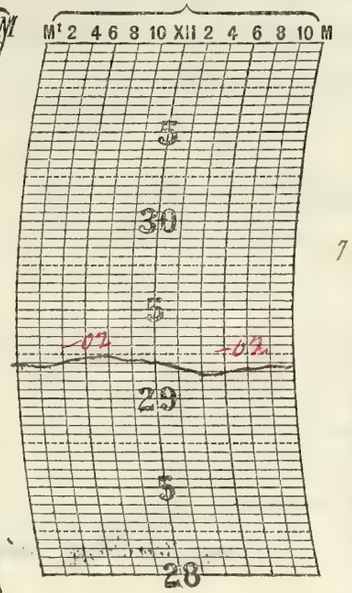
Reduced barometer, 30.12 a. m. 30.03 p. m.

River gage, 7.8 ft.

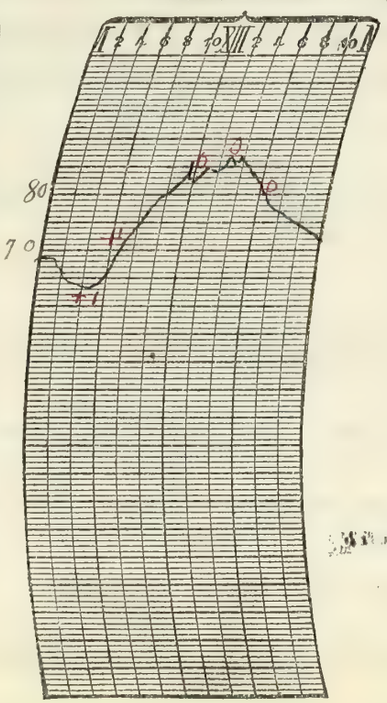
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Φ Partly from eye observation

Generally clear, warm day

Prepared by

Verified by P.M.G.H.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 21 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	69	69	68	70	[illegible]	78	82	84	87	88	88	79	84	87	79	79	78	75	73	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←					Clear				→	←		Pt. Cloudy				→	←	Clear			→
Sunrise: Time, 4:27 Character, Clear																								
Sunset: Time, 7:08 Character, Cloudy																								
Sunshine (in tenths of hours)					0.55 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	0				
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	N	SW	SW	SW	SW	SW	SW
Wind movement	8	8	7	7	5	3	6	6	6	5	6	7	8	9	15	9	7	4	4	6	5	4	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

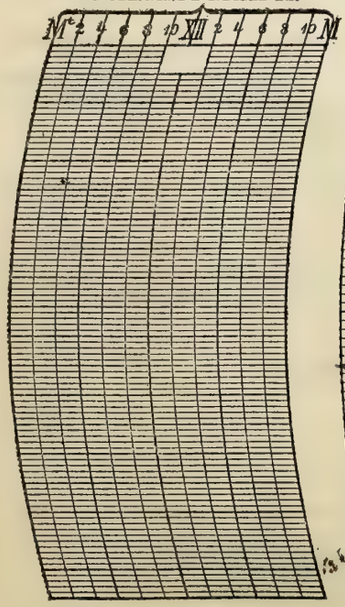
Maximum.	Minimum.	Mean.	Normal.
89	68	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 4
Actual sunshine, hours, 13.2
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 90
Prevailing direction, SW
Total movement, 152
Average hourly velocity, 6.3

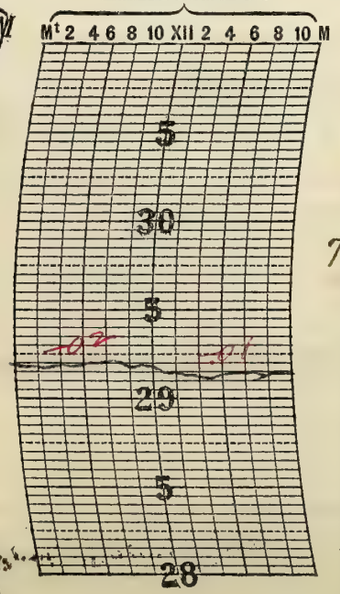
Maximum velocity,	Direction,	Time.
22	SW	Began 2:08 p.m.
Extreme velocity, 24	SW	2:08 p.m.

Relative humidity, 7 a. m., 84; 12 p. m., 24; 7 p. m., 63
Reduced barometer, 30.05 a. m. 30.01 p. m.
River gage, 6.8 ft.

THERMOGRAPH.



BAROGRAPH.



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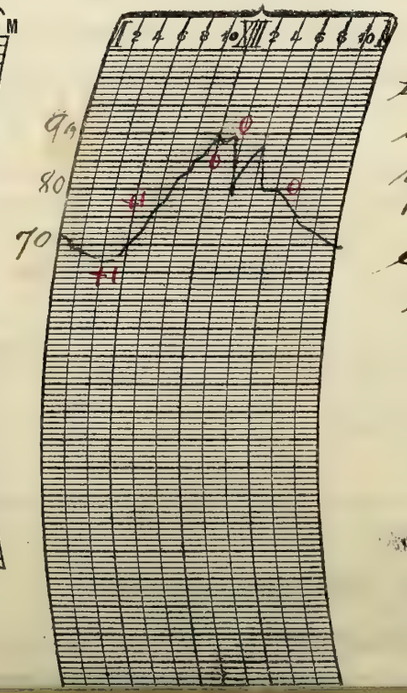


NOTES.

From careful observation of maximum thermometer #15188 it was discovered that the instrument is a "retarder" and it was replaced by maximum No. 15063 at 2 p.m.

Forenoon and night generally clear; afternoon partly cloudy; oppressively warm during the day.

Prepared by D. M. S.
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 22 1917, 191

Time (local standard) 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	69	68	67	66	66	70	76	80	85	86	84	86	87	86	86	86	85	82	80	77	75	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear							Pt. Cldy				Clear		Pt. Cldy		Cloudy					
Sunrise: Time, Character,	4:27 Clear																				Sunset: Time, 7:07 Character, Cloudy			
Sunshine (in tenths of hours)					0.55 0	0.9 0.7	1.0	1.0	1.0	1.0	1.0	1.0	* 1.0	* 1.0	* 1.0	1.0	1.0	0.8	0	0				
Wind direction	S	S	S	S	SW	SW	SW	SW	NW	NW	N	S	S	S	S	SW	SW	SW	S	NE	SE	SE	NE	NE
Wind movement	4	4	3	5	6	5	6	5	5	3	3	3	5	5	6	6	6	4	3	1	3	3	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
88	66	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 13.4

Possible sunshine, hours, 14.7

Percentage of possible sunshine, 91

Prevailing direction, S

Total movement, 102

Average hourly velocity, 4.2

Maximum velocity, 8 Direction, SE Time. Began 2:24 PM

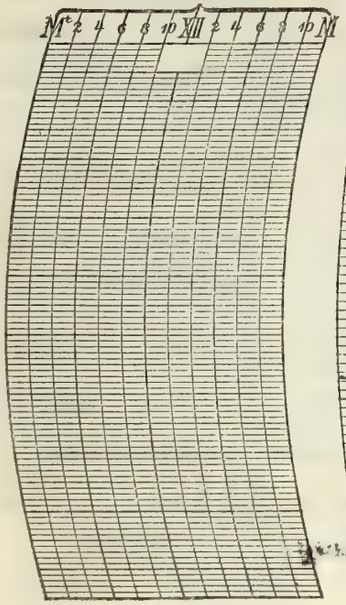
Extreme velocity, 8 SE 2:24 PM

Relative humidity, 7 a. m., 86; ~~12 m.~~, 53; 7 p. m. 52

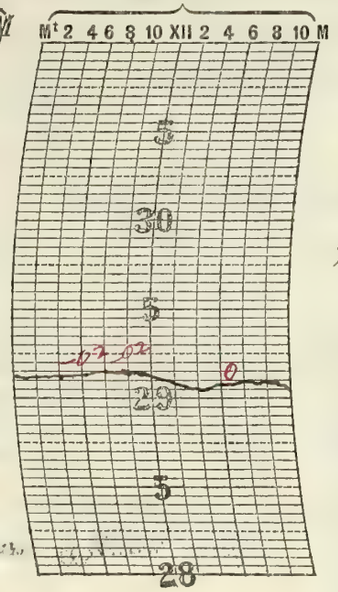
Reduced barometer, 30.03 a. m. 29.97 p. m.

River gage, 5.6 ft.

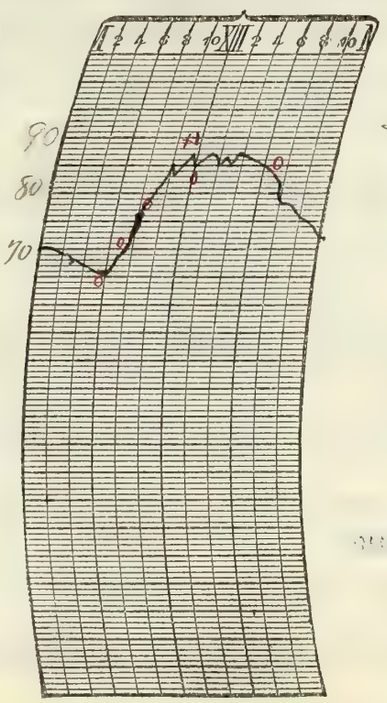
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



*Wholly or partly from eye observation

NOTES.

Generally clear and oppressively warm.

Prepared by

Verified by P. M.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 23 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	70	69	68	69	75	79	82	84	85	84	87	86	78	76	79	75	74	73	73	72	72	71
State of weather: Nature of precipitation and time of beginning and ending																T. B 3.05, T. E 3.25								
Amounts of precipitation																.01								
Cloudiness and other conditions				← Clear									← Partly Cloudy											
Sunrise: Time, 4:28; Character, Clear																					Sunset: Time, 7:06; Character, Cloudy			
Sunshine (in tenths of hours)					.05 0	.02 .08	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.02	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	SE	SE	SE	SE	SE	E	E	NE	NE	NE	NE	NE	NE	S	NE
Wind movement	3	3	3	3	3	3	2	4	4	6	7	6	6	6	9	9	7	13	8	6	7	4	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.01 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 12.7

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 87

Prevailing direction, NE

Total movement, 139

Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
15	NE	Began 5.24 pm

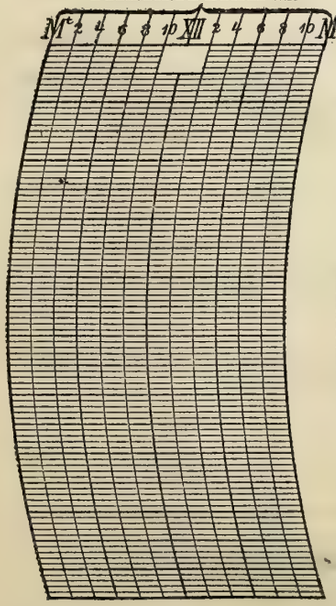
Extreme velocity, 15 NE 5.24 pm

Relative humidity, 7 a. m., 78; 12 p. m., 48; 7 p. m., 76

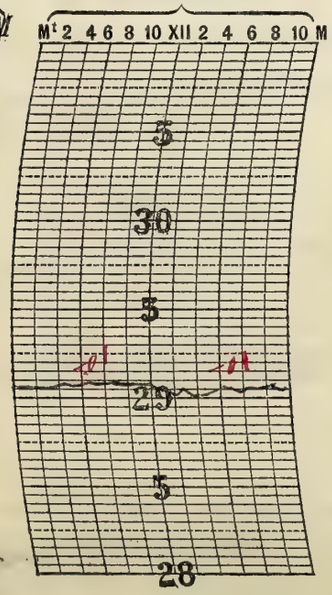
Reduced barometer, 29.94 a. m. 29.94 p. m.

River gage, 5.5 ft.

THERMOGRAPH.



BAROGRAPH.



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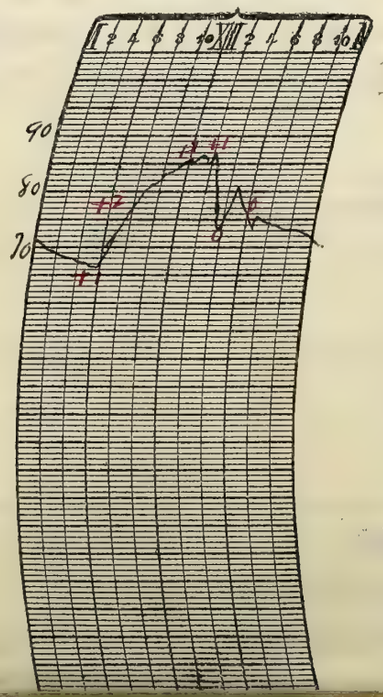


NOTES.

Generally partly cloudy, and while temperatures were not extremely high, the heat was oppressive

Prepared by PMcH

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 24 1917, 191

Time (local standard) 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	70	70	69	69	69	71	74	77	81	85	85	89	84	70	74	78	78	77	77	75	74	73	72
State of weather: Nature of precipitation and time of beginning and ending															T.B 2:35	–	–	RE 5:45						
Amounts of precipitation															.45	.03	.01	.01						
Cloudiness and other conditions					Cloudy			Clear		Pt. Cldy					Cloudy				Pt. Cloudy					
Sunrise: Time, Character	4:29 Cloudy																				Sunset: Time, Character 7:05 Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.9	1.0	1.0	1.0	1.0	1.0*	0.7*	0.2*	0	0	0	0				
Wind direction	NE	NE	NE	E	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	N	N	NE	NE	NE	E	NE	NE	NE
Wind movement	6	9	7	6	7	6	7	7	6	6	6	6	8	8	13	4	3	4	7	8	7	7	6	7
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts: 2:35 pm	5:45 pm	0.50	2:38 pm	3:02 pm	0.01	.14	.14	.25	.37	.46	(Excessive precipitation determined from depth as automatically recorded)								

	Maximum.	Minimum.	Mean.	Normal.
	89	66	78	

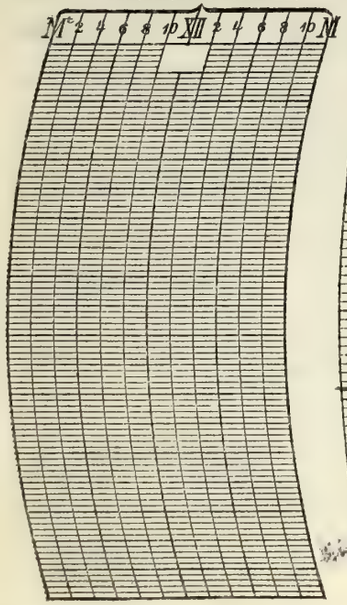
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .50 ins.
Total precipitation, midnight to midnight, 0.50 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10), 6.7
Actual sunshine, hours, 6.8
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 47
Prevailing direction, NE
Total movement, 161
Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
28	SE	Began 2:51 pm
Extreme velocity, 31	SE	2:53 pm

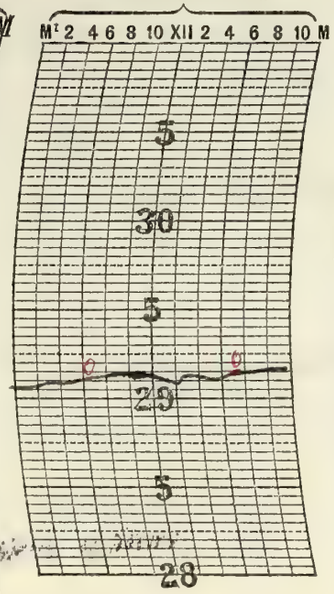
Relative humidity, 7 a. m., 94; 12 m., 60; 7 p. m., 81
Reduced barometer, 30.00 a. m. 30.02 p. m.
River gage, 4.6 ft.

* Sunshine through detached clouds.

THERMOGRAPH.



BAROGRAPH.



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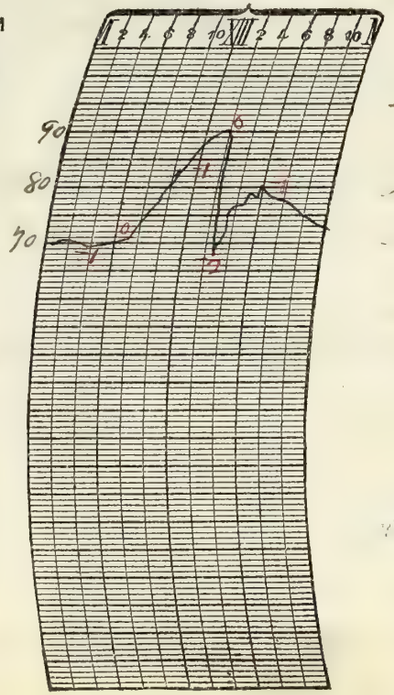


NOTES.

Day generally partly cloudy; threatening in the afternoon, with showers.
A severe thunderstorm occurred between 2:26 p.m. and 5:45 p.m.; storm came from the northeast.
Quite oppressively warm during midday hours, but between 2:00 p.m. and 2:45 p.m. the temperature fell from 89° to 66°.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 25 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	71	70	70	69	70	71	74	79	81	85	86	86	82	82	76	75	78	77	76	75	73	72	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			Pt. Cloudy					Clear					Pt. Cloudy						Cloudy	Pt. Cloudy	Pt. Cloudy	Clear		
Sunrise: Time, 4:30 Character, Cloudy																					Sunset: Time, 7:04 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	1.0	0.3	0	0				
Wind direction	NE	NE	NE	NE	E	NE	NE	E	E	NE	NE	SE	SE	S	SW	SW	SW	N	NE	S	S	S	S	SW
Wind movement	6	7	6	6	5	4	6	4	4	4	5	3	6	7	10	7	5	5	2	6	7	8	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	69	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., ✓ inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.8

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 74

Prevailing direction, NE

Total movement, 136

Average hourly velocity, 5.7

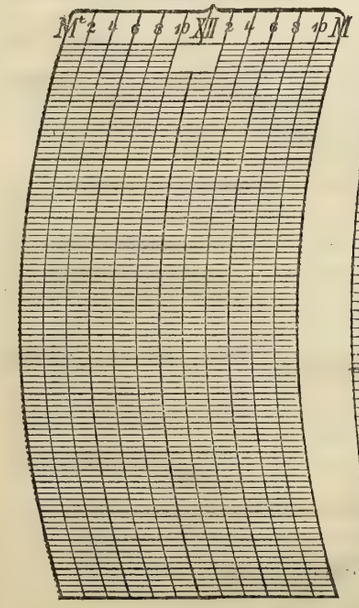
Maximum velocity,	Direction,	Time.
13	SW	Began 2.27 pm
Extreme velocity, 14	SW	2.24 pm

Relative humidity, 7 a. m. 95; 12 m. 67; 7 p. m., 73

Reduced barometer, 30.13 a. m. [illegible] p. m.

River gage, 4.0 ft.

THERMOGRAPH.



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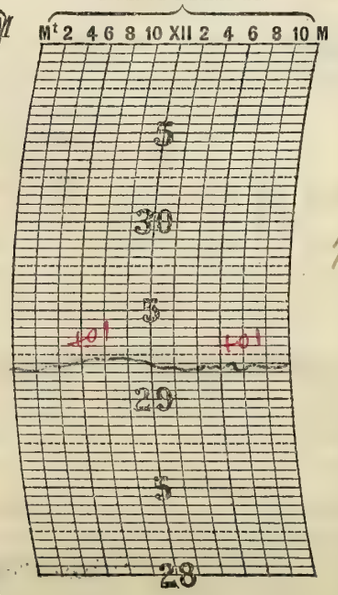

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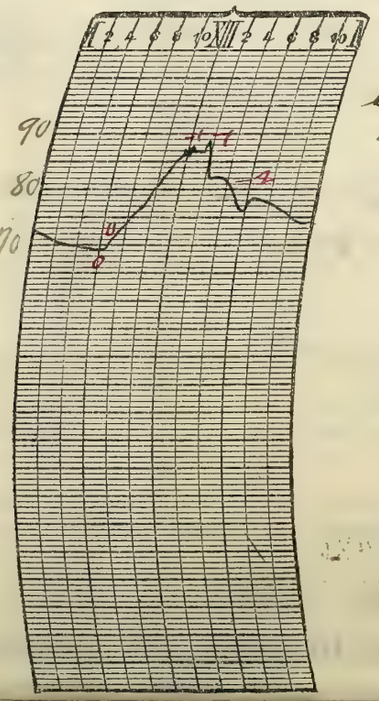


NOTES.

Light haze during the day.
Partly cloudy in the early morning, but the clouds cleared away rapidly after the 7 a.m. observation, becoming partly cloudy again near noon, and continuing generally partly cloudy during the afternoon. The weather was somewhat threatening in the west and southwest between 2 and 4 p.m. While the temperature was not exceptionally high during the day, the heat was oppressive.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 26 1917, 191

Time (local standard) 90" mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	71	70	69	71	73	74	81	88	85	85	82	82	78	76	77	76	74	73	73	72	72	71
State of weather: Nature of precipitation and time of beginning and ending															P.B. 2:35	--	R.E. 4:10	R.B. 5:45	--	R.E. 7:45				
Amounts of precipitation															T	06	02	01	04	01				
Cloudiness and other conditions			1				Clear						Partly Cloudy		1		Cloudy				7			
Sunrise: Time, Character,	4:31 Clear																				Sunset: Time, Character, 7:08 Cloudy			
Sunshine (in tenths of hours)					0.48 0	04 0.6	10	10	10	10	10	10	10	10	05	0	07	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NE	NE	N	W	W	SW	W	W
Wind movement	6	5	7	6	6	7	8	9	8	7	11	11	16	16	12	5	4	3	3	6	6	7	8	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

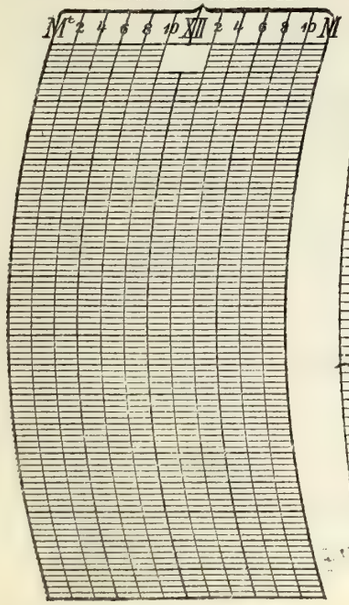
	Maximum.	Minimum.	Mean.	Normal.
	86	69	78	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 12 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Partly Cloudy Moon phase,
Average daily cloudiness (0-10), 4.4
Actual sunshine, hours, 10.7
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 74
Prevailing direction, SW
Total movement, 153
Average hourly velocity, 7.1

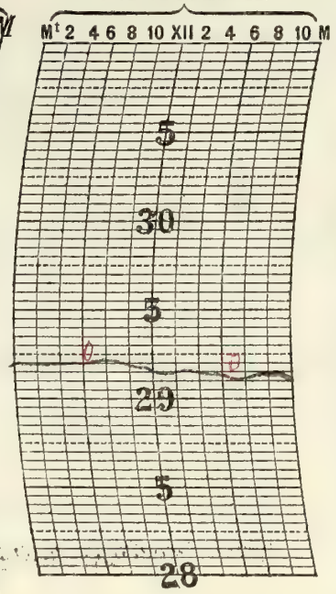
Maximum velocity,	Direction,	Time.
21	SW	Began 12:16 pm
Extreme velocity, 23	SW	12:16 pm

Relative humidity, 7 a. m., 88; 12 m., 60; 7 p. m., 94
Reduced barometer, 30.09 a. m. 30.01 p. m.
River gage, 4.35

THERMOGRAPH.



BAROGRAPH.



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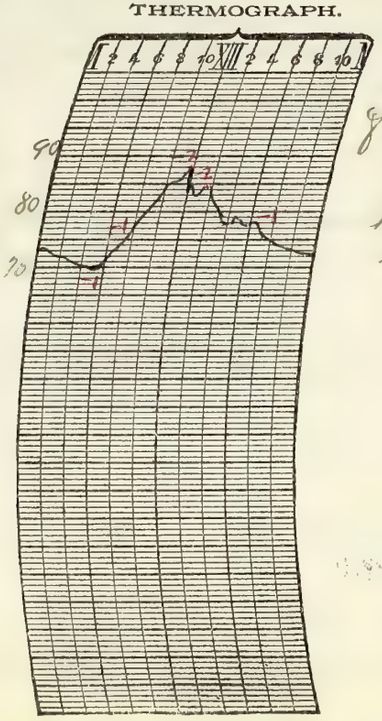


NOTES.

Oppressively warm; increasing cloudiness from the east observed with threatening and thunderstorms in the afternoon. First thunder heard at 2:25 pm; last heard at 7:45 pm; storm came from the southeast.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 27 1917, 191

Time (local standard) 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	68	68	[illegible]	77	80	80	86	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Dense Foggy				Pt. Cloudy	Clear				
Sunrise: Time, Character,	4:32 Foggy											
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	NE	NE	NE	SW
Wind movement	6	6	5	4	3	2	2	3	2	3	3	3
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	89	88	87	87	86	85	81	77	75	70	69	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Pt. Cloudy				Clear					
Sunset: Time, Character,									7:03 Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.8	1.0	1.0	1.0	0.8 0.2	0.05 0				
Wind direction	W	NW	N	N	NE	NE	NE	NE	NE	NE	E	E
Wind movement	3	4	9	11	12	8	7	8	10	8	9	6
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	90	67	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Pt. Cloudy Moon phase, ☽ 12

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 12.4

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 86

Prevailing direction, NE

Total movement, 137

Average hourly velocity, 5.7

Maximum velocity,	Direction,	Time.
15	NE	Began 3:06 pm

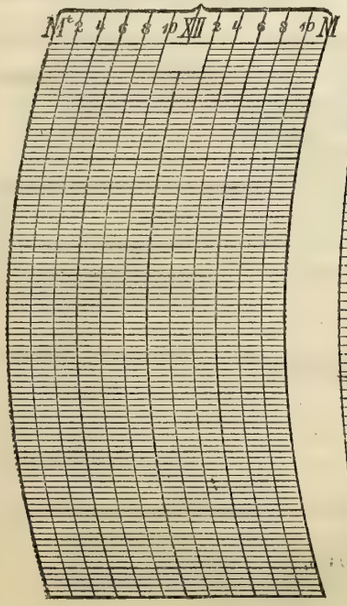
Extreme velocity, 15 NE 3:06 pm

Relative humidity, 7 a. m., 85; 2 p. m., [illegible]; [illegible] p. m., 56

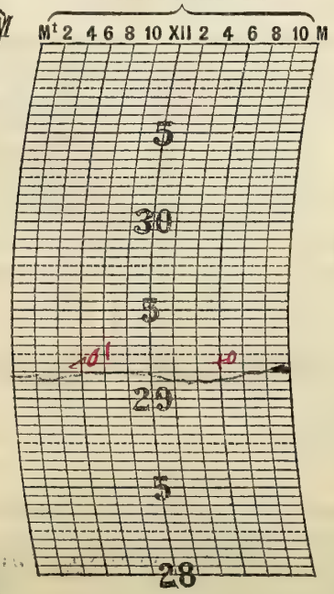
Reduced barometer, 30.02 a. m. 30.02 p. m.

River gage, 7.84

THERMOGRAPH.



BAROGRAPH.



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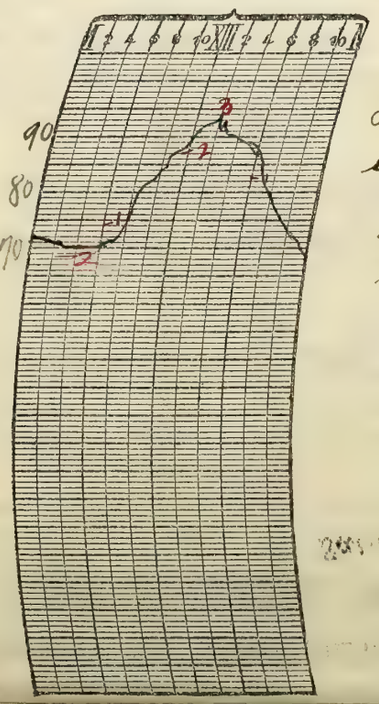


NOTES.

Fog during the early hours of the morning. Day generally partly cloudy. Intensely warm, with a maximum temperature of 90°, which is the highest of the year thus far.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 28 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	64	63	62	65	69	73	77	80	82	8	87	88	89	89	89	87	85	83	81	79	78	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear							Partly			Clear				
Sunrise: Time 4.33 Character Clear																					Sunset: Time 7.02 Character Cloudy			
Sunshine (in tenths of hours)					0.45 0	0.3 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0				
Wind direction	SE	SE	E	E	E	E	SE	S	S	SE	S	S	S	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW
Wind movement	3	4	4	3	3	2	4	7	6	6	6	6	8	9	9	10	9	7	7	8	8	9	8	9
Maximum velocities (exceeding 29 miles) direction and time																								
Excessive precipitation, accumulated amounts																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.6

Possible sunshine, hours, 14.5

Percentage of possible sunshine, 87

Prevailing direction, S and SW

Total movement, 155

Average hourly velocity, 6.5

Maximum velocity, 12 Direction, SW Time. Began 4:10 pm

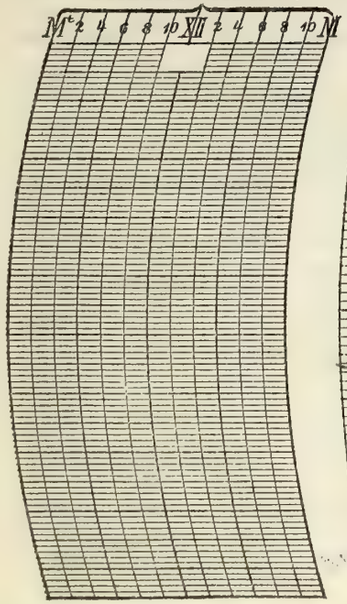
Extreme velocity, 12 SW 4:10 pm

Relative humidity, 7 a. m., 61; 12 m. 46; 7 p. m., 63

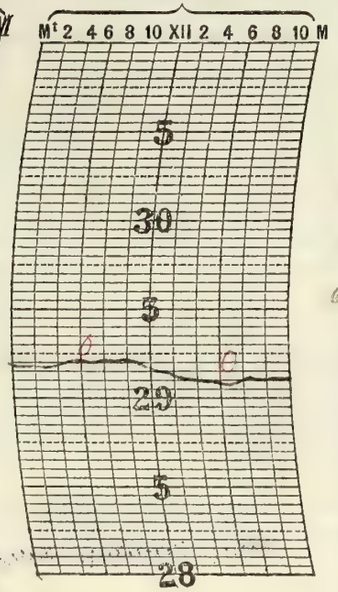
Reduced barometer, 30.09 a. m. / 29.98 p. m.

River gage, 4.8 ft

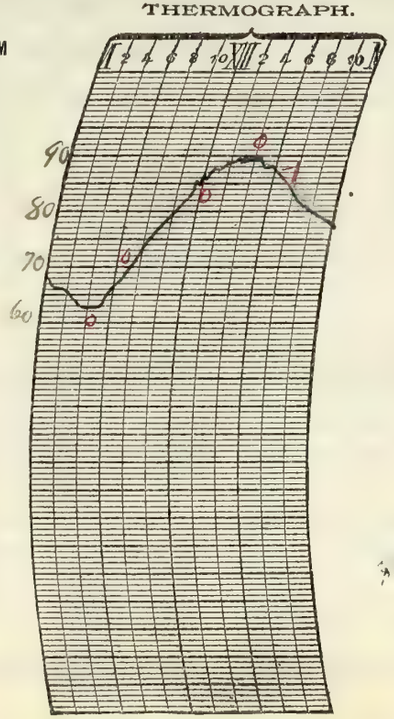
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear, warm and oppressive.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 29 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	76	74	74	73	72	71	81	85	88	89	90
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 4:34 Character, Clear												
Sunshine (in tenths of hours)					0.43 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	11	9	9	11	11	14	16	16	14	15
Maximum velocities (exceeding ___ miles) direction and time												
Total duration. From—												
Total duration. To—												
Total amount of precipitation.												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	91	91	91	91	90	89	87	83	80	79	79	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 7:01 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.02 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	14	14	14	14	11	12	7	9	9	10	10
Maximum velocities (exceeding ___ miles) direction and time												
Total duration. From—												
Total duration. To—												
Total amount of precipitation.												
Excessive rate. Began—												
Excessive rate. Ended—												
Amount before excessive began.												
Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.												
10 min.												
15 min.												
20 min.												
25 min.												
30 min.												
35 min.												
40 min.												
45 min.												
50 min.												
60 min.												
80 min.												
100 min.												
120 min.												
Excessive precipitation, accumulated amounts												

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
92	73	85	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 283

Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
19	SW	Began 2:18 pm

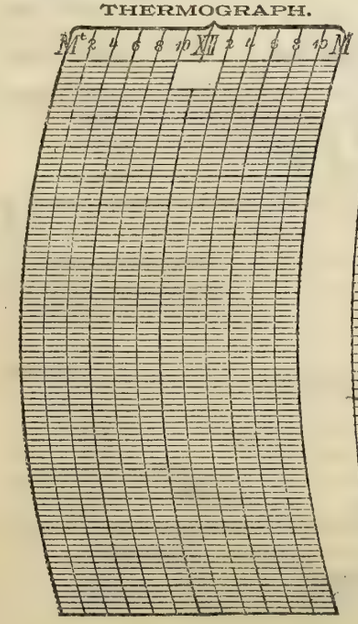
Extreme velocity, 20 SW 2:20 pm

Relative humidity, 7 a. m. 87; 12 p. m., 56; ___ p. m., 55

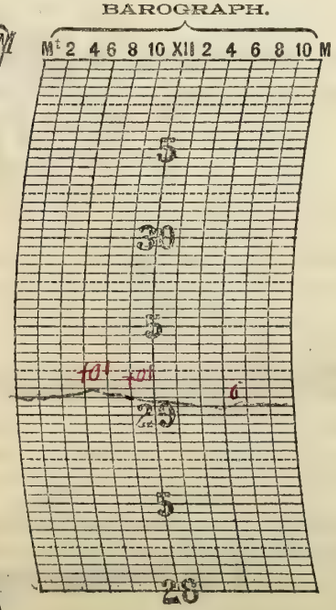
Reduced barometer, 30.02 a. m., 29.92 p. m.

River gage, 4.1 ft

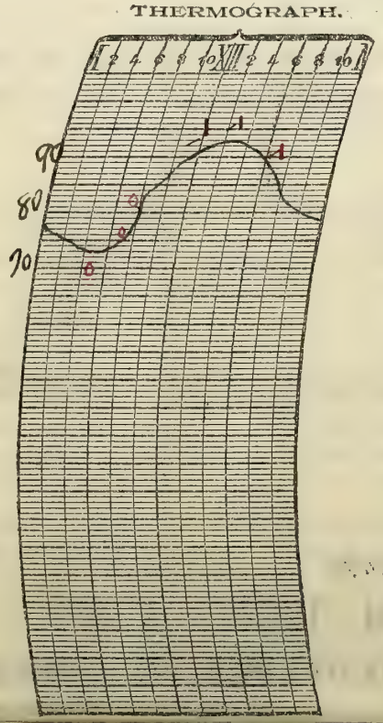
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear and extremely warm.

Prepared by

Verified by P.M.C.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 30 1917, 191

Time (local standard), 90th mer.

1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	77	76	76	77	79	84	87	88	89	91	93	94	95	94	93	91	88	84	82	80	79	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunrise: Time, 4:35 Character, Clear																					Sunset: Time, 7:00 Character, Clear			
Sunshine (in tenths of hours)					0.42 0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.60 0.4					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	11	10	9	10	13	13	14	16	16	17	16	20	17	16	14	11	8	12	10	10	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	95	76	86	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 304

Average hourly velocity, 12.7

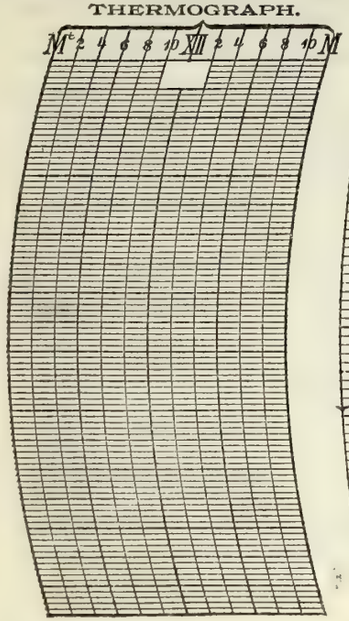
Maximum velocity,	Direction,	Time.
23	SW	Began 1:45 pm
Extreme velocity, 23	SW	1:45 pm

Relative humidity, 7 a. m., 79; 12 m., 48; 7 p. m., 57

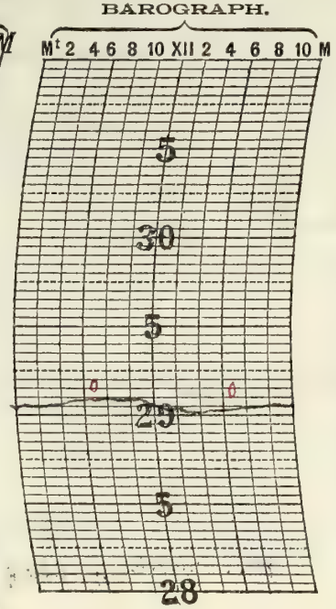
Reduced barometer, 29.97 a. m., 29.89 p. m.

River gage, 3.6 ft

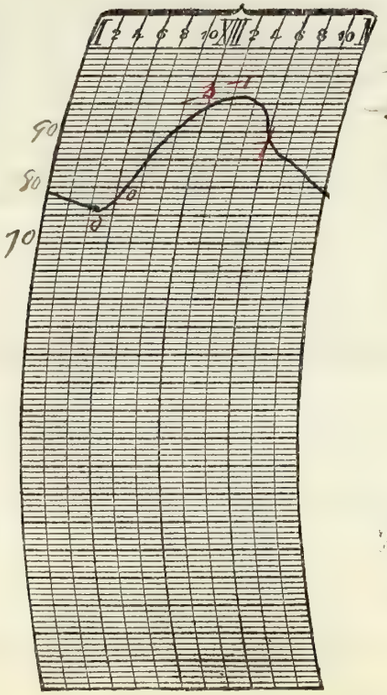
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear skies and abnormally high temperature.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 31 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	78	77	76	75	75	79	79	84	89	91	92	93
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunrise: Time, 4:30 Character, Clear												
Sunshine (in tenths of hours)					0.4 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	9	9	8	11	11	11	10	10	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	95	95	94	93	92	90	88	84	87	80	78	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunset: Time, 6:59 Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.4					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW
Wind movement	15	15	16	16	15	13	8	10	13	10	7	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	74	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 14.4

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 267

Average hourly velocity, 11.1

Maximum velocity,	Direction,	Time.
20	SW	Began 3:45 pm

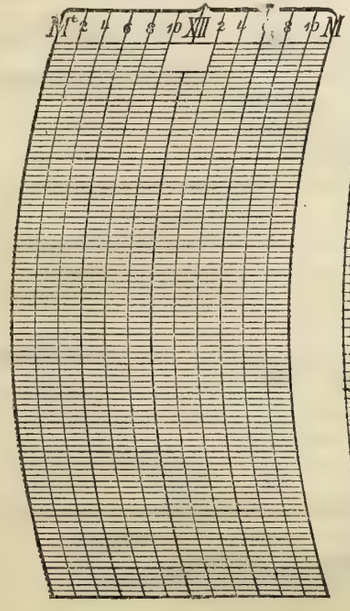
Extreme velocity, 20 SW 3:45 pm

Relative humidity, 7 a. m., 83; 12 p. m., 46; 7 p. m., 57

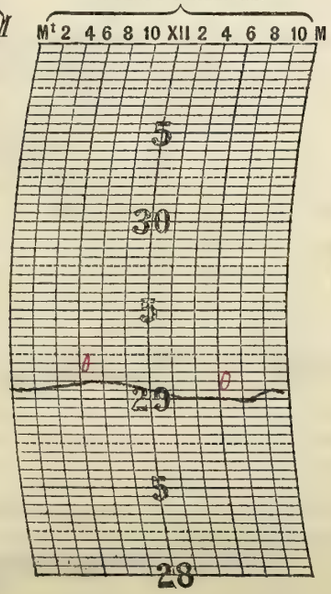
Reduced barometer, 29.97 a. m., 29.90 p. m.

River gage, 3.7 ft.

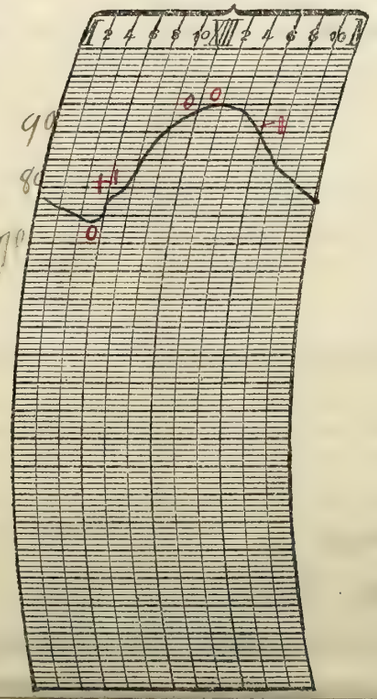
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and intensely warm

Prepared by

Verified by P. McQ.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) August 1, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	77	76	76	76	79	80	84	86	89	92	93
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	11	9	11	11	12	13	15	15	13	14	15

Sunrise: Time, 4:37; Character, Clear

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	94	94	95	77	80	78	78	77	76	75	73	73
Nature of precipitation and time of beginning and ending				RB 933 RE 340					RB 830 RE 845			
Amounts of precipitation				T					T			
Cloudiness and other conditions				Pt. Cloudy								
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0.4	0.2	0					
Wind direction	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	17	18	17	18	8	7	8	8	4	5	3	6

Sunset: Time, 6:57; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

6 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	73	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 11.4

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 80

Prevailing direction, SW

Total movement, 267

Average hourly velocity, 11.1

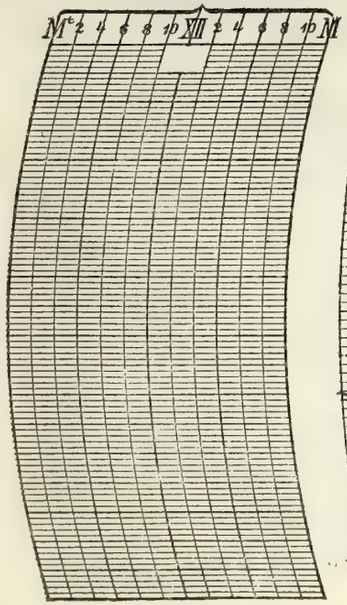
Maximum velocity,	Direction,	Time.
23	NW	Began 3:11 pm
Extreme velocity, 24	NW	3:11 pm

Relative humidity, 7 a. m., 77; 12 p. m., 46; 7 p. m., 77

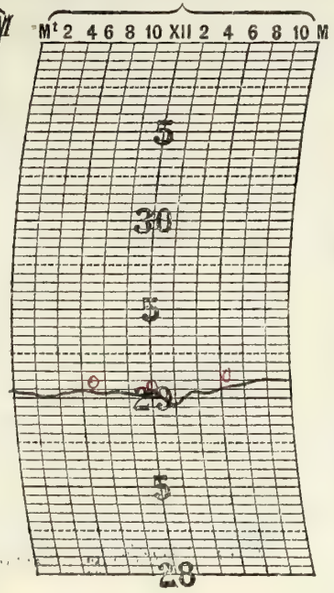
Reduced barometer, 29.93 a. m., 29.94 p. m.

River gage, 2.8 ft

THERMOGRAPH.



BAROGRAPH.



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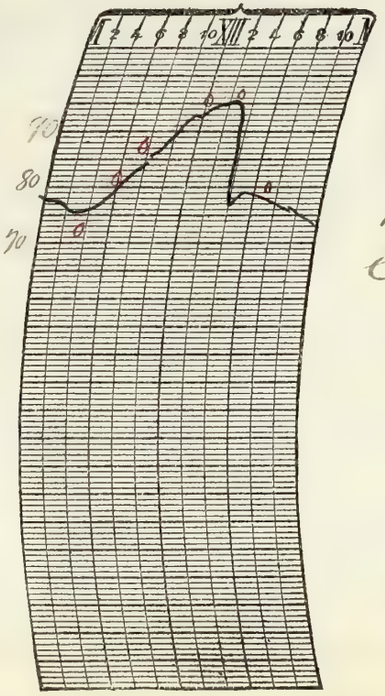


NOTES.

Forenoon clear and warm but increasing cloudiness in the afternoon, with a light shower between 3 & 4 pm, and considerably cooler weather.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) August 2, 1917

Time (local standard), 90° mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	69	68	67	70	73	75	76	77	77	79	80	81	82	81	80	[illegible]	76	72	71	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)					1.37 0	0.7 .22	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.33 .06					
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW	SW	SW
Wind movement	6	5	6	6	4	6	5	7	11	13	13	11	11	11	14	14	11	10	5	2	2	8	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:38 Character, Clear

Sunset: Time, 6:56 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	65		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.00 inches.

Character of day, Clear Moon phase Full moon 11:11 p.m.

Average daily cloudiness (0-10), Fair

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine, 100

Prevailing direction, NW

Total movement, 183

Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
17	NW	Began 10:46 am

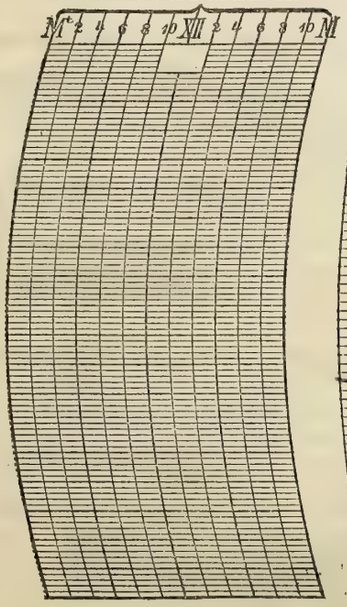
Extreme velocity, 18 NW

Relative humidity, 7 a. m., 69; 12 m., 42; 7 p. m., 38

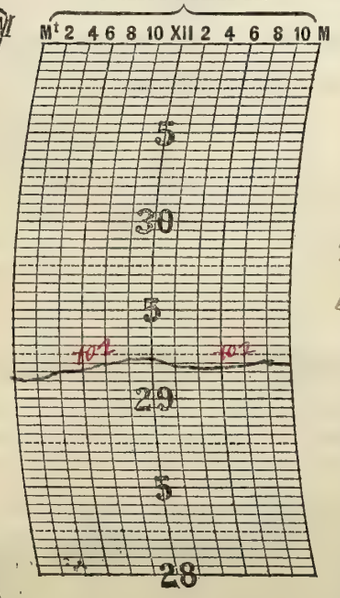
Reduced barometer, 30.10 a. m., 30.09 p. m.

River gage, 2.75 ft.

THERMOGRAPH.



BAROGRAPH.



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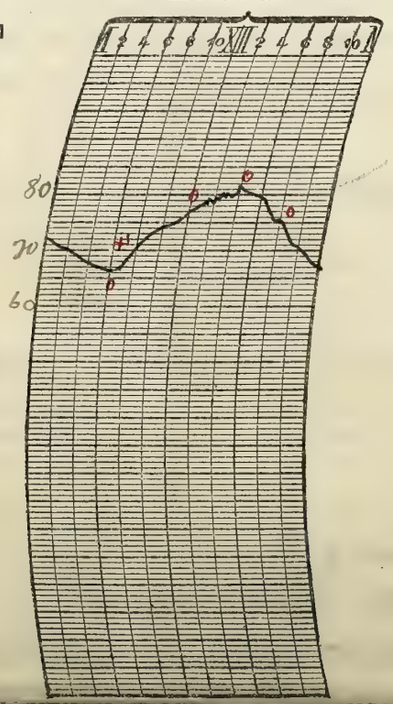


NOTES.

Clear and pleasant day.

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) August 3, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	67	67	67	67	67	70	74	76	78	80	81	82	84	83	82	81	80	78	74	71	69	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			←									Clear									→			
Sunshine (in tenths of hours)					0.55	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.32					
Wind direction	SW	W	W	SW	NW	NW	NW	N	NW	N	NW	NE	NE	NW	N	NW	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	4	5	4	5	3	2	3	4	4	5	6	11	5	8	7	7	8	7	7	8	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:37; Character, Clear

Sunset: Time, 6:55; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 14.3

Possible sunshine, hours, 14.3

Percentage of possible sunshine,

Prevailing direction, NE

Total movement, 132

Average hourly velocity, 5.5

Maximum velocity, 10 Direction, NE Time. Began 11:48 pm

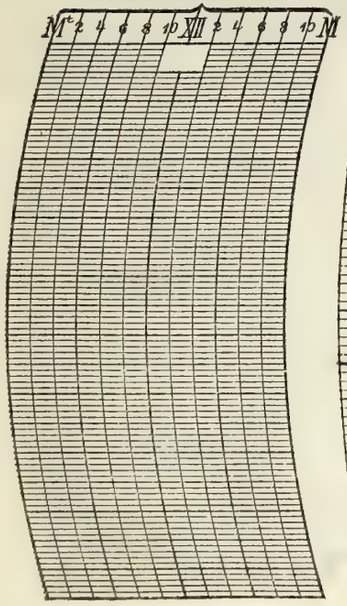
Extreme velocity, 10 NE 11:48 pm

Relative humidity, 7 a. m., 84; 12 p. m., ; 7 p. m., 48

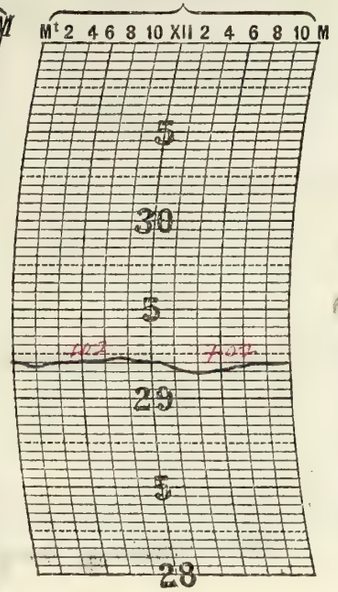
Reduced barometer, 30.14 a. m. 30.08 p. m.

River gage, 2.6 ft

THERMOGRAPH.



BAROGRAPH.



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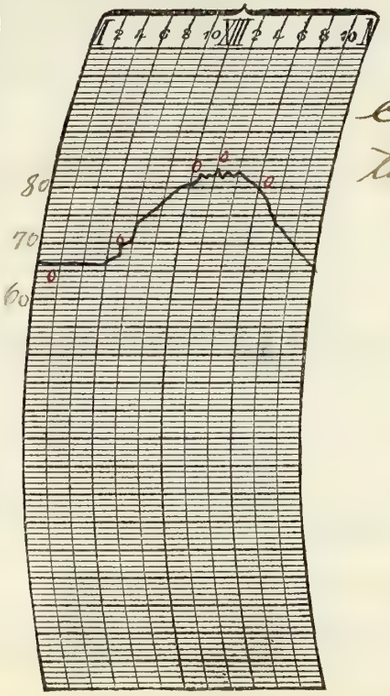


NOTES.

Clear, but with some cumulus clouds during the day; pleasant temperature

Prepared by

Verified by

8—486

Form No. 1014—McU'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) August 4, 1917

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	63	61	62	64	70	73	75	78	80	82	84	85	85	84	82	81	76	73	71	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear									Partly Cldy		Clear			
Sunrise: Time, 4:40; Character, Cloudy																					Sunset: Time, 6:57; Character, Cloudy			
Sunshine (in tenths of hours)					0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	E	E	E	E	E	E
Wind movement	9	8	9	10	9	8	11	10	13	12	11	10	11	10	8	8	6	5	5	7	11	8	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	61	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase.

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.3

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 87

Prevailing direction, E

Total movement, 209

Average hourly velocity, 8.7

Maximum velocity, 15 Direction, E Time. Began 9:47 am

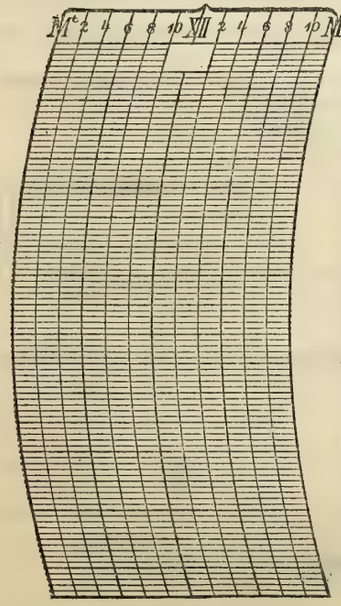
Extreme velocity, 16 E 9:57 am

Relative humidity, 7 a. m., 77; 12 p. m., 44; 7 p. m., 56

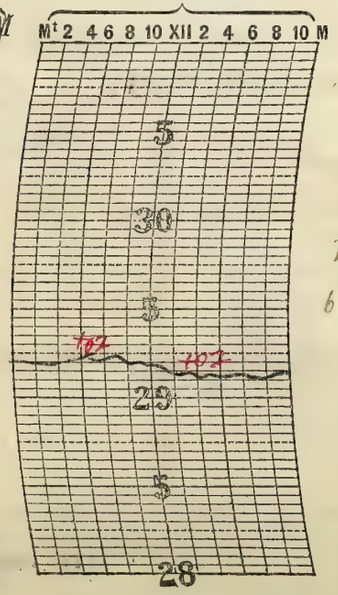
Reduced barometer, 30.15 a. m., 30.03 p. m.

River gage, 2.44

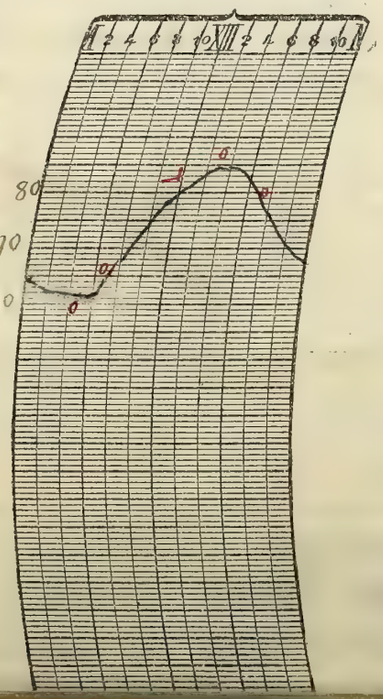
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear during the day, cumulus clouds prevailing, but increasing cloudiness in the evening being somewhat threatening in the north and west. Cool in the early morning, but moderately high temperature and somewhat muggy during the day and night.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) August 5, 1917

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	66	66	67	71	81	85	88	91	92	92	92	67	81	67	71	72	71	71	70	69	68
State of weather: Nature of precipitation and time of beginning and ending															RB 233 RE 253		RD 420	RE 630		RB 745		RE 915		
Amounts of precipitation															.40		.58	.01		.01	.06	T		
Cloudiness and other conditions							Clear								Pt Cloudy			Cloudy						
Sunrise: Time, Character	4:41 Clear																							
Sunset: Time, Character																					6:53 Cloudy			
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	1.0	0.2	0	0					
Wind direction	E	E	E	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	N	NE	NE	E	SW	NW	NW	N	NW
Wind movement	3	2	3	5	6	8	8	7	9	8	11	11	11	13	13	5	15	11	4	7	12	8	4	6
Maximum velocities (exceeding 29 miles) direction and time															36 SW 233		48 SW 438							

Excessive precipitation, accumulated amounts	Total duration From—	Total duration To—	Total amount of precipitation	Excessive rate Began—	Excessive rate Ended—	Amount before excessive began	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	233 pm	253 pm	.40	233 pm	243 pm	0	.22	.40												
	420 pm	520 pm	.58	~~435 pm~~ 436 pm	4:50 pm	.01	.37	.46	.16	.33	.53									
						.09	.11	.36	.14											

Excess of 1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
94	65	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 8 p. m., .99 ins.

Total precipitation, midnight to midnight, 1.03 inches.

Character of day, Pt Cloudy. Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 11.1

Possible sunshine, hours, 14.2

Percentage of possible sunshine, 78

Prevailing direction, SW

Total movement,

Average hourly velocity, 7.9

Maximum velocity, 48 Direction, SW Time. Began 438 pm

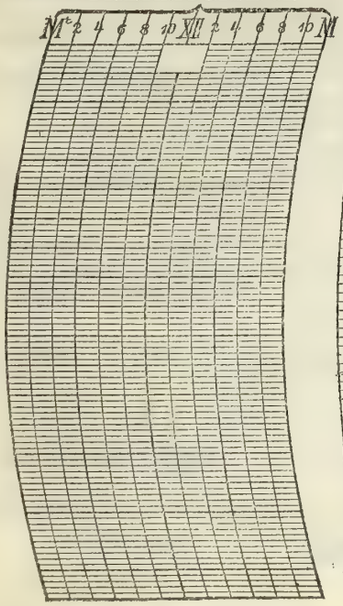
Extreme velocity, 58-SW 4:40 pm

Relative humidity, 74 a. m., 12 p. m., 33 a. m., 75 p. m.

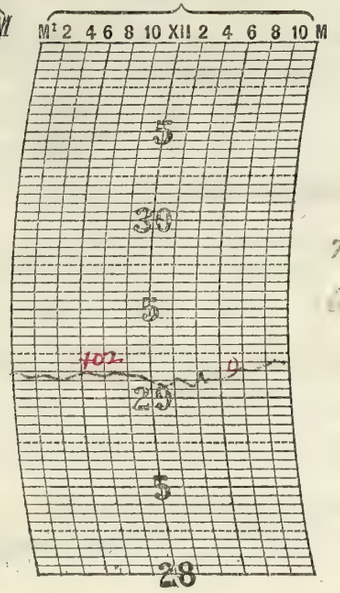
Reduced barometer, 30.06 a. m., 30.02 p. m.

River gage, 2.31

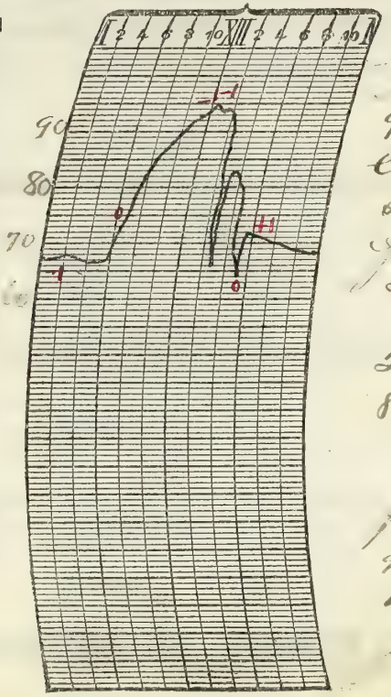
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon generally clear and morning cool, but with rapidly rising temperature from the am. observation, the maximum reaching 94° during the early afternoon; increasing cloudiness from 1:00 pm with heavy thunder showers and high wind (Sunny) and fluctuating temperature between 2 pm and 5:00 pm.

Two thunderstorms occurred: one between 2:30 pm. and 3:30 pm; the second between 8 pm. and 9 pm.

The heavy rain and strong wind of the afternoon flattened corn and oats; damaged truck gardens, and as a direct result of the wind much damaged crops, caused telephone wires, plate glass windows, awnings and shade trees.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) August 6, 1917

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	67	67	66	67	69	70	73	73	77	78
Nature of precipitation and time of beginning and ending		RB AN	RE AN									
Amounts of precipitation		.01	T									
Cloudiness and other conditions		7	2	Cloudy				Pt. Cldy			Clear	
Sunrise: Time, 11:42; Character, Cloudy												
Sunshine (in tenths of hours)				1	0	0	10	10	10	10	10	10
Wind direction	W	N	NE	0	NE	NW	N	N	NE	NE	NE	NE
Wind movement	3	3	4	0	2	1	1	4	6	5	7	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	80	80	80	79	79	78	76	75	74	73	72	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			5	Pt. Cloudy			5	Cloudy			7	
Sunset: Time, 6:52; Character, Cloudy												
Sunshine (in tenths of hours)	10	10	10	10	10	01						
Wind direction	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	E	E
Wind movement	5	6	6	6	6	5	4	4	6	6	8	7

Maximum velocities (exceeding 30 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	80	66	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 11.1

Possible sunshine, hours, 14.2

Percentage of possible sunshine,

Prevailing direction, NE

Total movement, 111

Average hourly velocity, 4.6

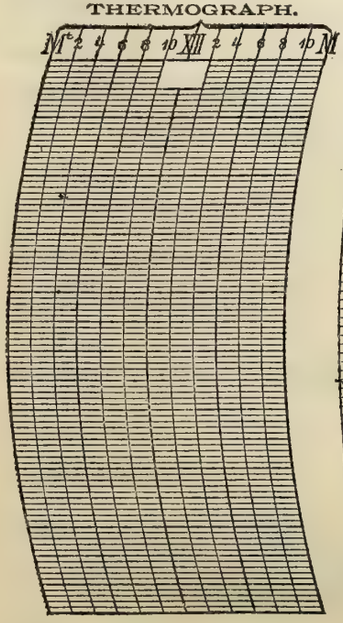
Maximum velocity,	Direction,	Time.
9	E	Began 11:40 pm
Extreme velocity, 9	E	11:40 pm

Relative humidity, 7 a. m., 88; 12 p. m., 46; 7 p. m., 54

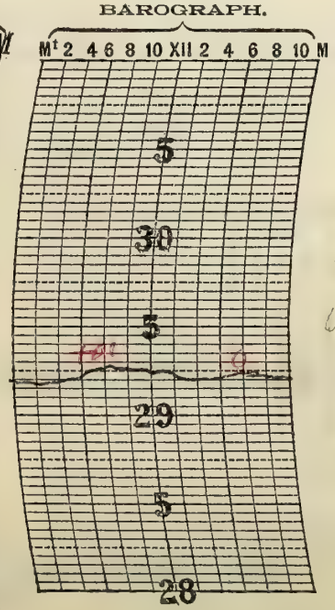
Reduced barometer, 30.16 a. m. 30.11 p. m.

River gage, 2.6 ft

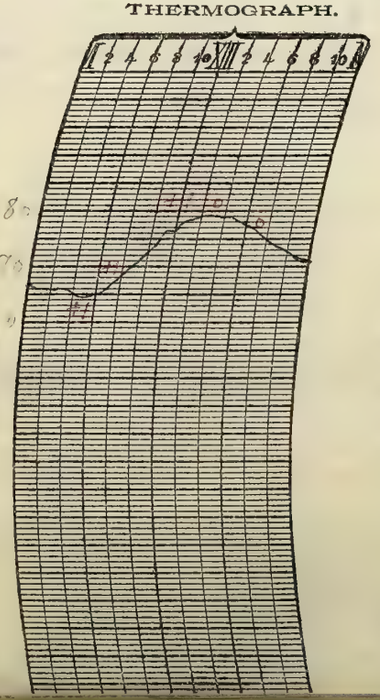
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

x Sunshine through detached clouds

Prepared by

Verified by P. Mez.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Tuesday, (Date) August 7, 1917

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	69	68	66	66	67	70	73	77	80	82	85	84	86	85	83	78	78	78	76	75	74	74
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:18 RE 5:30						
Amounts of precipitation																		T						
Cloudiness and other conditions			← Clear			—	↑	←		Pt. Cloudy								↑	← Cloudy			→		

Sunrise: Time, 4:43; Character, Clear

Sunset: Time, 6:51; Character, Cloudy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0.28 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0						
Wind direction	SE	E	E	NE	E	E	E	E	E	SE	SE	SE	S	S	S	S	S	SW	S	S	S	S	SW	S
Wind movement	9	10	10	7	10	12	11	10	8	6	7	8	9	11	12	14	13	12	8	11	9	9	9	8
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
86	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ___ inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase, ___

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 12.2

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 87

Prevailing direction, S

Total movement, 235

Average hourly velocity, 9.8

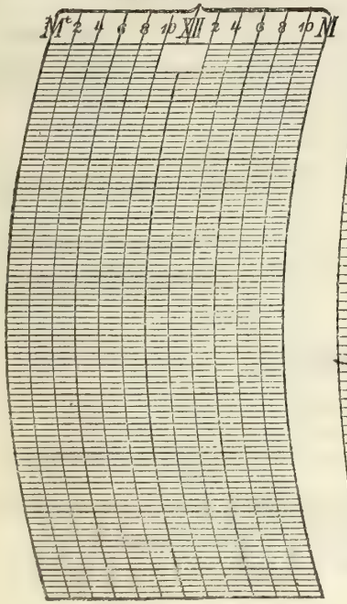
Maximum velocity,	Direction,	Time.
18	S	Began 3:25 pm
Extreme velocity, 19	S	3:25 pm

Relative humidity, 7 a. m., 80; 13 p. m., 55; 7 p. m., 67

Reduced barometer, 29.12 a. m., 29.91 p. m.

River gage, 2.7 ft.

THERMOGRAPH.



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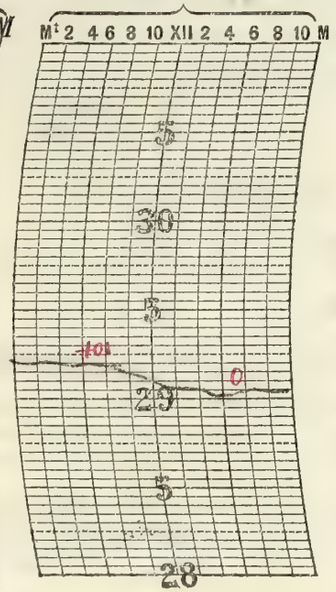

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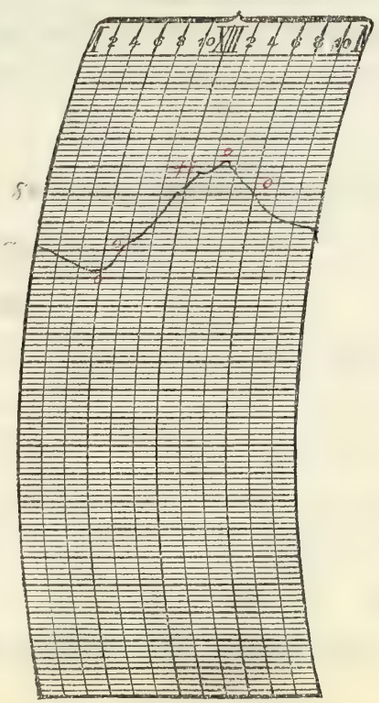


NOTES.

Prepared by

Verified by P. McD.

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Wednesday, (Date) August 8, 1917

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	70	69	69	69	70	[illegible]	71	73	77	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy					Pt. Cloudy	
Sunshine (in tenths of hours)				4	0	0	0	0		04	10	10
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	8	8	9	10	9	11	10	8	12	[illegible]	[illegible]
Maximum velocities (exceeding 40 miles) direction and time												

Sunrise: Time, 4:44; Character, Cloudy

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	74	77	75	72	64	[illegible]	63	61	60	60	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear					Pt. Cloudy						
Sunshine (in tenths of hours)	10	10	10	10	10	08	0					
Wind direction	W	W	W	NW	NW	NW	NW	N	N	N	N	N
Wind movement	14	15	14	14	14	13	13	9	5	4	2	1
Maximum velocities (exceeding 40 miles) direction and time												

Sunset: Time, 6:40; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

[illegible] hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
81	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to [illegible] a. m., 0 ins.; to [illegible] p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 8.2

Possible sunshine, hours,

Percentage of possible sunshine,

Prevailing direction, SW

Total movement, 23

Average hourly velocity, 0.8

Maximum velocity, 17 Direction, W Time. Began 2:18

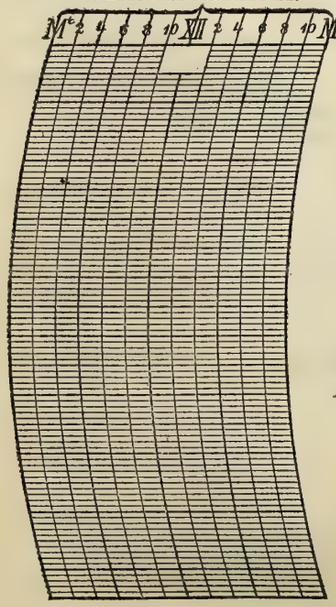
Extreme velocity, 18 W 1:50 p.m.

Relative humidity, 7 a. m., 88; 12 p. m., 64; [illegible] p. m., 67

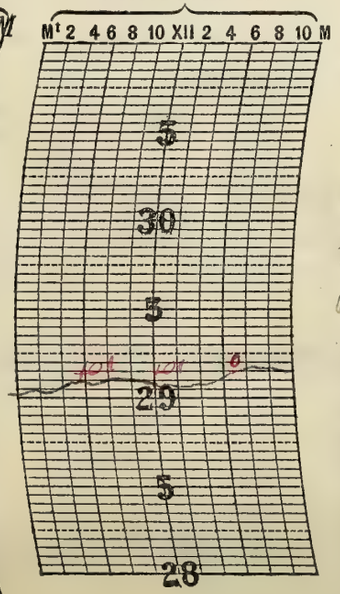
Reduced barometer, 30.01 a. m., 30.04 p. m.

River gage, 2.5 ft.

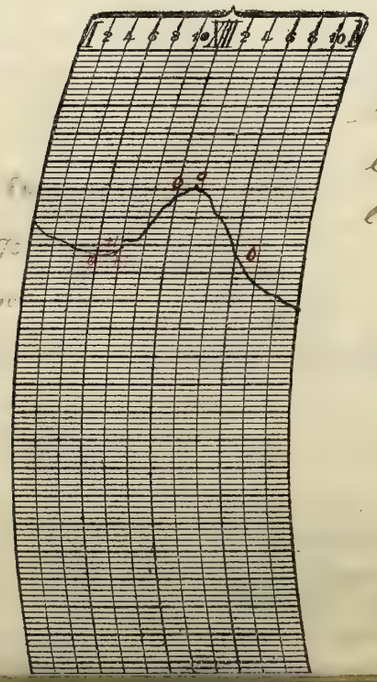
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy, with moderate temperatures during the forenoon and early afternoon, but cool in the evening and night.

Prepared by

Verified by P. Mey

Form No. 1014—Met I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana; (Day of week) Thursday, (Date) August 9, 1917

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	55	58	66	57	58	61	63	64	66	68	68	72	72	72	69	68	68	65	64	63	60	60
State of weather: Nature of precipitation and time of beginning and ending							RB 6:15 RE 6:36																	
Amounts of precipitation							T																	
Cloudiness and other conditions		?	—	Cloudy			—	X					Pt. Cloudy								T			

	Sunrise: Time, Character,																				Sunset: Time, Character,			
	4:44 Cloudy																				6:48 Cloudy			
Sunshine (in tenths of hours)			1		0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	W	W	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	W	SW	SW	SW	SW	W	W	NW	NW	NW	N
Wind movement	4	4	5	4	5	4	2	3	5	4	5	6	6	5	5	8	9	6	6	5	5	6	2	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
73	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy. Moon phase, Last quarter 1.5

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 9.3

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 66

Prevailing direction, NW.

Total movement, 117

Average hourly velocity, 4.9

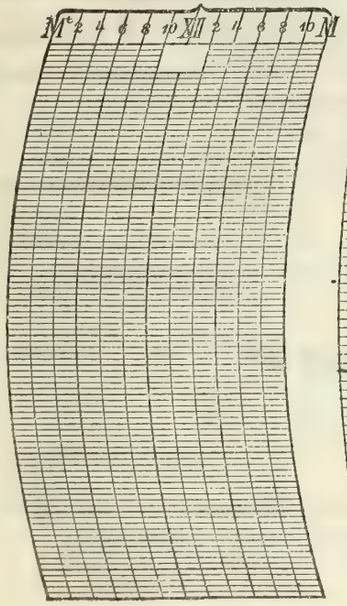
Maximum velocity,	Direction,	Time.
11	SW	Began 3:53 pm
Extreme velocity, 11	SW	3:53 pm

Relative humidity, 7 a. m., 89; 12 p. m., 55; 7 p. m., 65

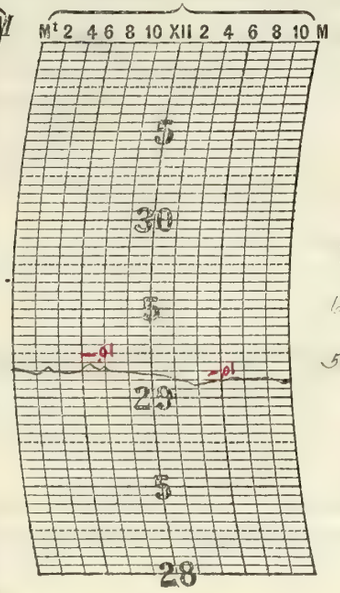
Reduced barometer, 30.05 a. m., 30.01 p. m.

River gage, 2.4 ft.

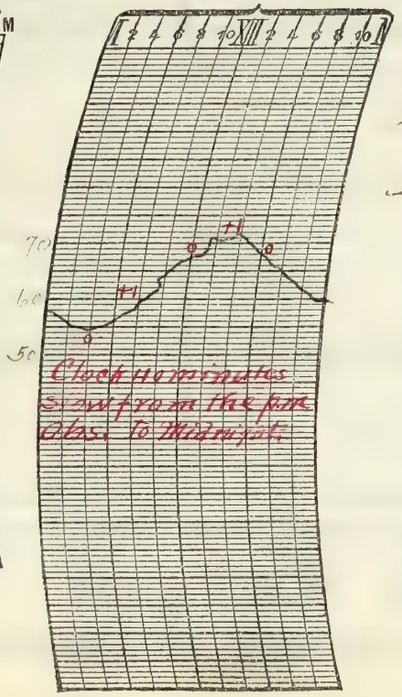
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally pt Cloudy, with Strato-Cumulus Clouds prevailing. Moderate temperatures. Day generally f

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Friday, (Date) August 10, 1917

Time (local standard), 90° mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	56	57	60	65	68	70	71	73	74	75	75	74	74	73	71	66	65	64	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear																				
Sunshine (in tenths of hours)					0.25 0	0.7 0.3	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.58 0.2					
Wind direction	NW	W	NW	W	NW	W	NW	NW	NW	NW	NW	NW	N	NW	N	N	NW	N	NW	NW	NW	N	N	NW
Wind movement	3	3	4	2	3	2	2	5	8	8	8	8	8	7	7	7	8	6	5	6	5	4	2	1
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.45; Character, Clear

Sunset: Time, 6.47; Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

—1— hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.9

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 99

Prevailing direction, NW

Total movement, 122

Average hourly velocity, 5.1

Maximum velocity, 13 Direction, NW Time. Began 12.03 pm

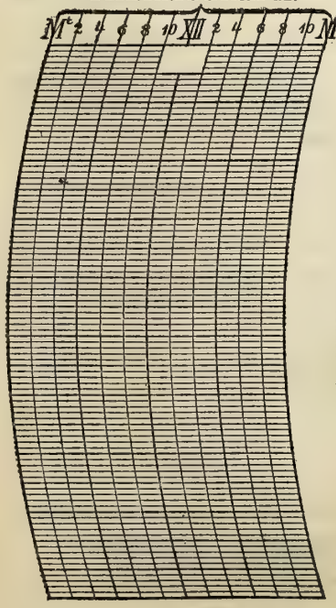
Extreme velocity, 13 NW 12.03 pm

Relative humidity, 7 a. m., 86; 12 p. m., 46; 7 p. m., 43

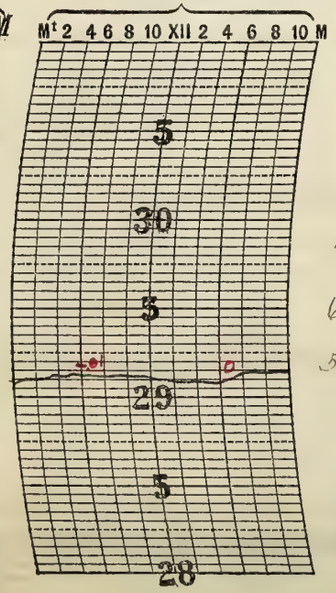
Reduced barometer, 30.03 a. m., 30.00 p. m.

River gage, 2.3 ft.

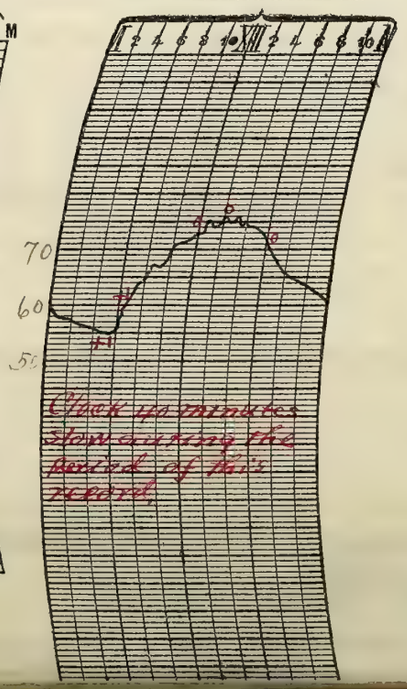
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, pleasant day.

Prepared by

Verified by

Form No. 1014—Met I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Saturday, (Date) August 11, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	59	55	54	55	60	64	70	73	74	75	77	78	80	81	74	78	77	76	72	70	66	65	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	N	O	O	N	NW	N	N	NE	NE	NW	W	NW	NW	NW	NW	NW	NE	NE	NE	NE	E	E	E	E
Wind movement	1	0	0	1	1	1	1	2	3	4	5	5	4	5	5	4	5	4	4	4	3	3	3	3
Maximum velocities (exceeding 30 miles) direction and time																								

Clear

Sunrise: Time, 4:47; Character, Clear 0.22 0.3

Sunset: Time, 6:45; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	54	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 13.1

Possible sunshine, hours, 14.0

Percentage of possible sunshine, 94

Prevailing direction, NW

Total movement, 71

Average hourly velocity, 3.0

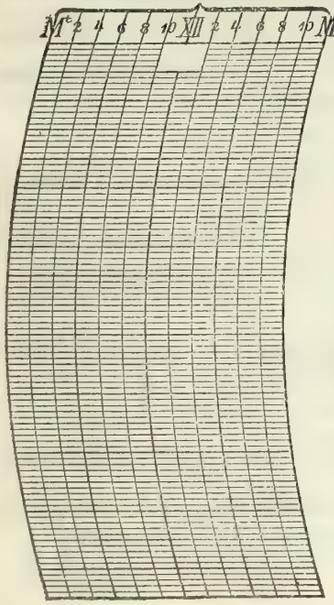
Maximum velocity,	Direction,	Time.
8	NE	Began 4:48 p.m.
Extreme velocity, 8	NE	4:48 p.m.

Relative humidity, 7 a. m., 60; 12 p. m., 33; 7 p. m., 43

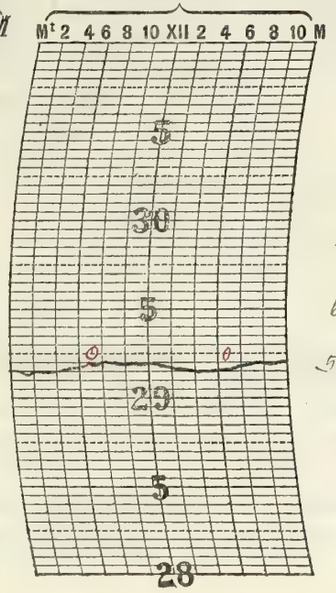
Reduced barometer, 30.09 a. m. 30.05 p. m.

River gage, 2.2 ft.

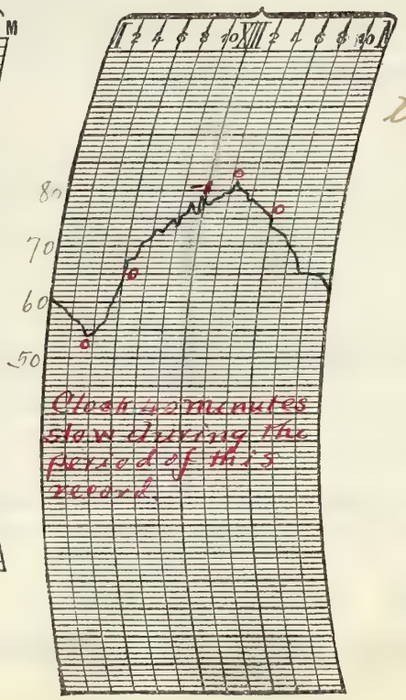
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear with pleasant temperature.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Sunday, (Date) August 17, 1917

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	59	59	61	72	76	80	83	85	85	86	87	86	84	81	79	78	77	75	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)				1	0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0					
Wind direction	E	E	E	E	NE	NE	E	E	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	2	3	1	1	2	3	3	2	3	4	6	9	10	11	13	12	9	6	5	7	5	7	6	6
Maximum velocities (exceeding 30 miles) direction and time																								

Pt. Cloudy

Pt. Cloudy

Sunrise: Time, 4:48 Character, Cloudy

Sunset: Time, 6:44 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
87	59	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 10.5

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 76

Prevailing direction, S

Total movement, 138

Average hourly velocity, 5.7

Maximum velocity,	Direction,	Time.
17	S	Began 3 p.m.

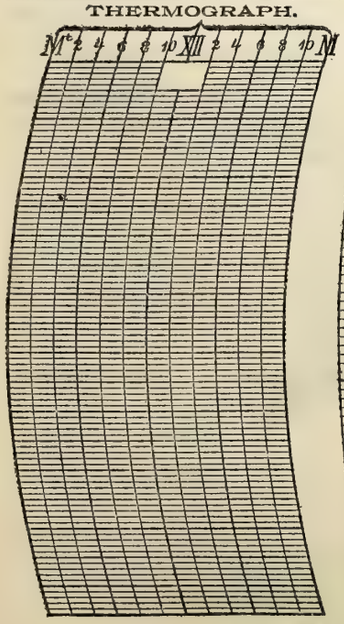
Extreme velocity, 19 S 3:50 p.m.

Relative humidity, 7 a. m., 74; 2 p. m., 34; 7 p. m., 43

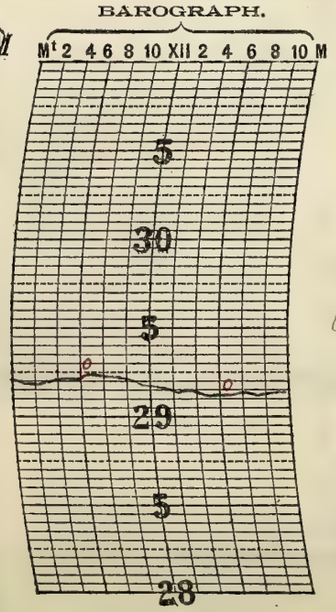
Reduced barometer, 30.13 a. m. 30.00 p. m.

River gage, 23 ft.

THERMOGRAPH.



BAROGRAPH.



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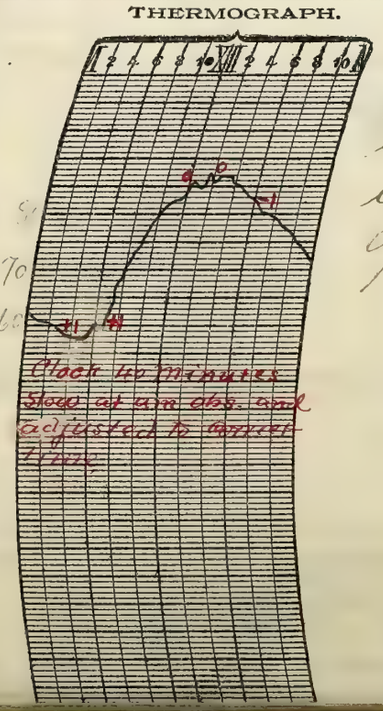


NOTES.

Generally partly cloudy; cool in the early morning, but quite warm during the late forenoon, afternoon and night.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Indiana, (Day of week) Monday, (Date) August 13, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	68	67	66	65	67	69	71	75	77	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				L	—	—	Pt.	Cloudy	—	—	—	—
Sunshine (in tenths of hours)						0.4	0.8	0	0.2	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	7	6	6	7	5	6	7	7	7	9	10	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	78	79	78	78	64	68	67	68	67	66	66
State of weather: Nature of precipitation and time of beginning and ending						RB 5:35	—	RE 7:05				
Amounts of precipitation						.80	.80	.01				
Cloudiness and other conditions					X	Cloudy	—	—	—			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	S	SW	SW	SW	S	S	SE	SE	S	S	S	S
Wind movement	10	13	12	11	8	11	4	3	5	6	6	7

Sunrise: Time, 449; Character, Cloudy

Sunset: Time, 643; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
5:35p	7:05p	1.61	539p	636p	.01	.16	.23	.47	.74	.93	1.11	1.37	1.39	1.40	1.48	1.59			

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	64	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.61 ins.

Total precipitation, midnight to midnight, 1.61 inches.

Character of day, Pt. Cloudy Moon phase, _____

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 8.0

Possible sunshine, hours, 13.9

Percentage of possible sunshine, 58

Prevailing direction, S

Total movement, 181

Average hourly velocity, 7.5

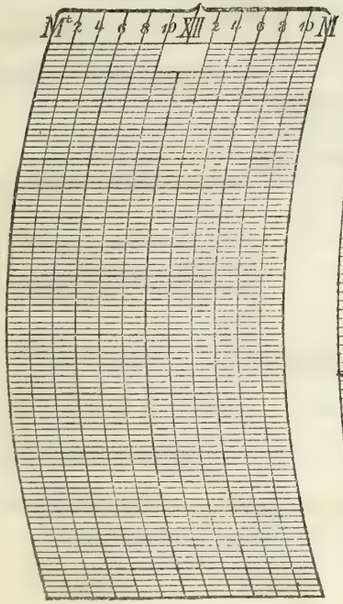
Maximum velocity,	Direction,	Time.
29	NW	Began 546 pm
Extreme velocity, 37	NW	546 pm

Relative humidity, 7 a. m., 71; 12 p. m., 60; 7 p. m., 100

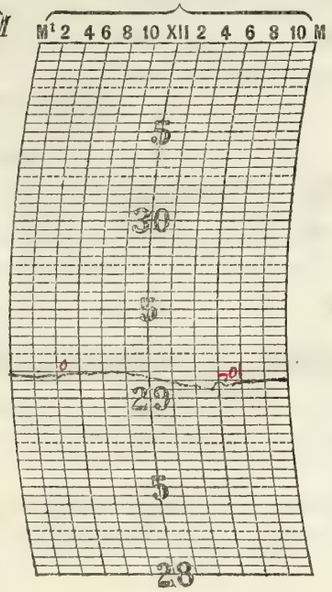
Reduced barometer, 30.03 a. m., 29.98 p. m.

River gage, 2

THERMOGRAPH.



BAROGRAPH.



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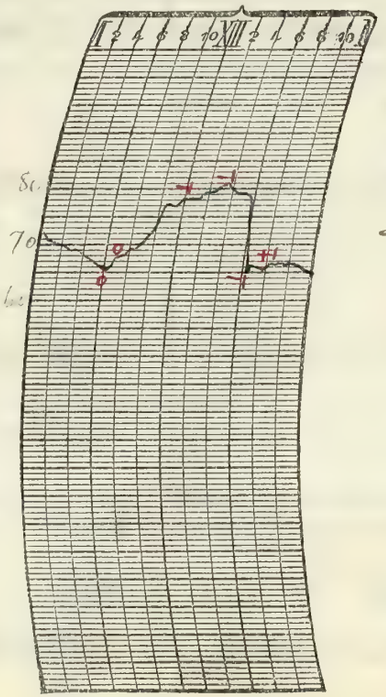


NOTES.

Day generally partly cloudy, but increasing cloudiness and threatening in the late afternoon, with a moderate thunderstorm from the northwest, from 5:00 pm to 7:00 pm. The storm was accompanied by excessive rainfall, 1.61 inches falling between 5:35 pm and 7:05 pm. The rain penetrated the roof of the office building and flooded the two north rooms of the office. During the storm the temperature fell from 80° to 64°

Prepared by

Verified by

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) Aug 14, 1917

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	63	62	62	60	60	62	64	68	72	77	80
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			L — Cloudy					Cloudy		Clear	L —	
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	W	W	W	W	SW
Wind movement	8	7	6	6	7	7	4	5	4	5	7	10

Sunrise: Time, 435a; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	81	82	81	80	77	[illegible]	74	72	69	69	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt Cloudy				L —		Cloudy				
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	SW	SW	SW	SW	SW	NW	W	NW	NW	NW	N	NW
Wind movement	11	11	12	13	8	6	5	4	6	4	3	4

Sunset: Time, 641; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	82	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy; Moon phase,

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 9.7

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 70

Prevailing direction,

Total movement, 163

Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
16	SW	Began 2:48 p.m.

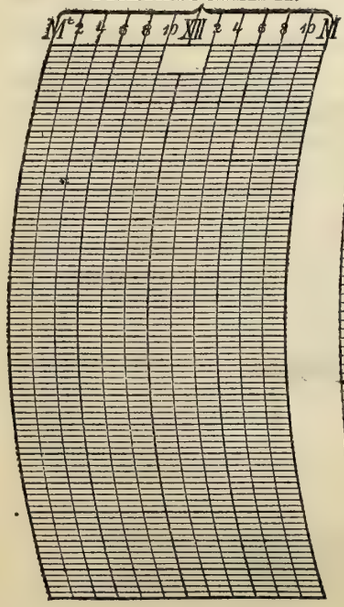
Extreme velocity, 17 SW

Relative humidity, 7 a. m., 97; 2 p. m., 51; 7 p. m., 65

Reduced barometer, 30.07 a. m. 30.[illegible] p. m.

River gage, 2.0

THERMOGRAPH.



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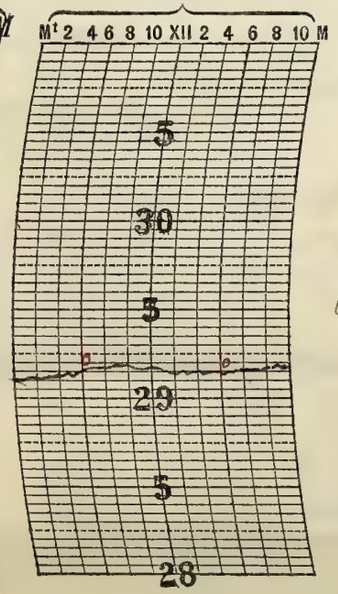

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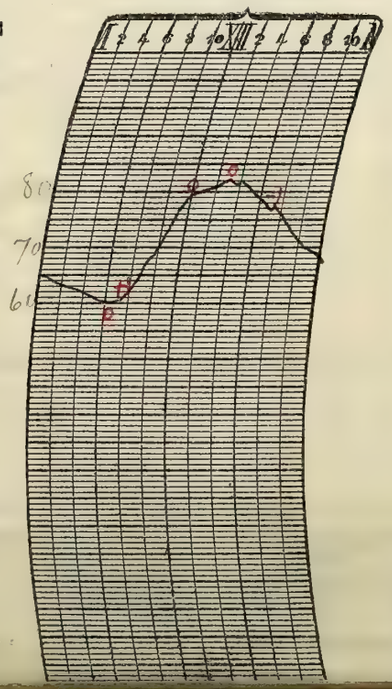


NOTES.

Light fog between 6:35 am and 7:00 am

Prepared by T. J. McD.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) August 15, 1917

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	62	61	60	60	62	67	69	73	76	76	79	80	81	81	81	79	77	74	71	68	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear									Partly Cldy	Clear				
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	NW	NW	NW	NW	W	NW	NW	NW	N	NW	N	NW	NW	NW	NW	N	N	N	N	N	N	W	W	W
Wind movement	4	4	4	2	2	3	2	5	6	6	5	6	10	9	9	7	6	4	3	1	1	4	2	2

Sunrise: Time, 4:51 Character, Clear

Sunset: Time, 5:40 Character, Cloudy

Maximum velocities (exceeding 79 miles) direction and time

Maximum.	Minimum.	Mean.	Normal.
81	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.0

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 94

Prevailing direction, NW

Total movement, 113

Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
12	NW	Began 2:08 P.M.
Extreme velocity, 12	NW	2:08 P.M.

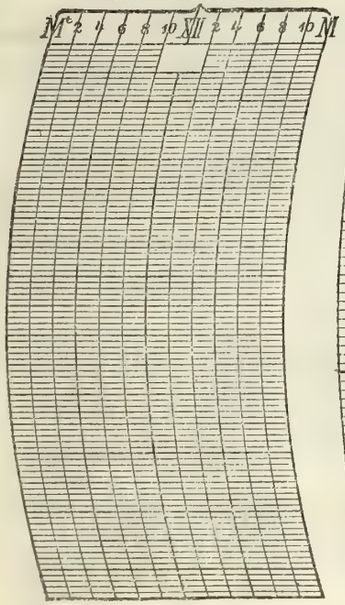
Relative humidity, 7 a. m., ; 12 p. m., ; 7 p. m., 53

Reduced barometer, 30.11 a. m., 30.06 p. m.

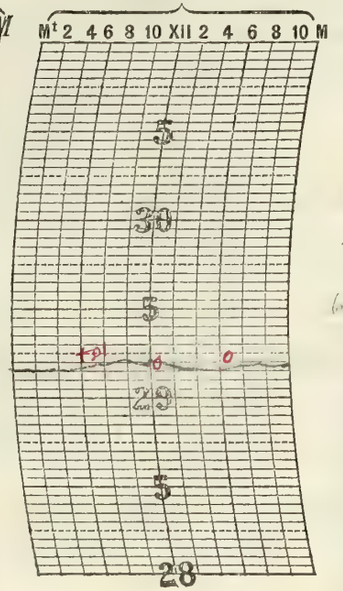
River gage, 2.7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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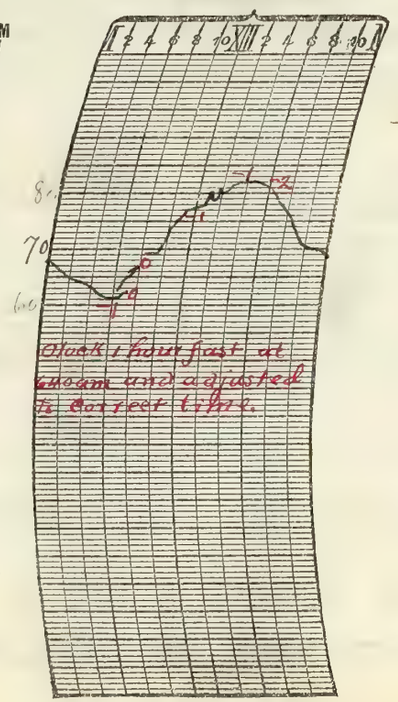


NOTES.

Clear day, with pleasant temperature.

Prepared by

Verified by J. McD

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) August 16, 1917

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	63	62	62	66	72	78	81	83	84	86	85	86	85	83	81	79	77	74	72	69	66
State of weather: Nature of precipitation and time of beginning and ending														PB 1:50	RE 2:05	RB 3:16 RE 3:24								
Amounts of precipitation														.01	T	T								
Cloudiness and other conditions		?	Clear										Pt Cloudy							Clear				?
Sunrise: Time, 4:52 Character, Clear																					Sunset: Time, 6:39 Character, Cloudy			
Sunshine (in tenths of hours)					0.13 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	C	W	W	W	W	W	W	SW	SW	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	0	1	1	1	2	2	3	6	6	7	7	10	11	12	10	10	12	9	8	7	6	7	8	5
Maximum velocities (exceeding 40 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

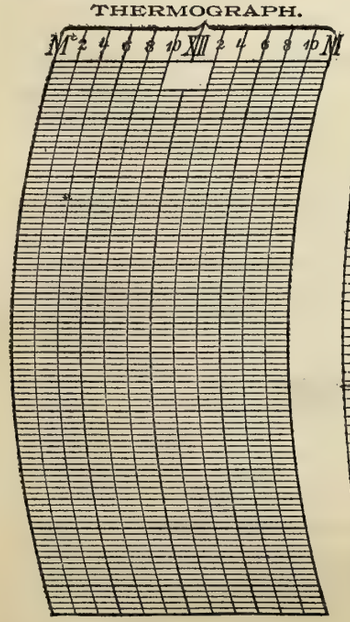
	Maximum.	Minimum.	Mean.	Normal.
	86	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.4
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 90
Prevailing direction, W
Total movement, 151
Average hourly velocity, 6.3

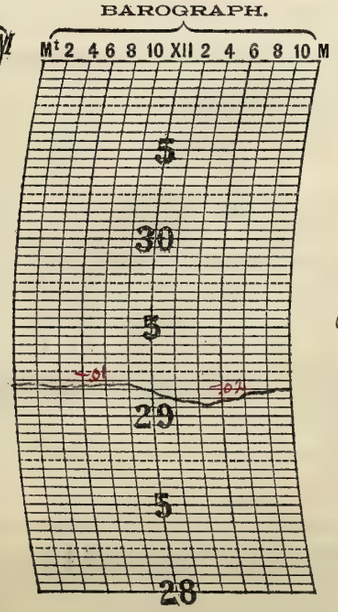
	Maximum velocity,	Direction,	Time.
	14	NW	Began 3:33 p.m.
Extreme velocity,	16	NW	3:37 p.m.

Relative humidity, 7 a. m., 78; 12 p. m., 44; 7 p. m., 51
Reduced barometer, 30.05 a. m., 29.96 p. m.
River gage, 2.2 ft

THERMOGRAPH.



BAROGRAPH.



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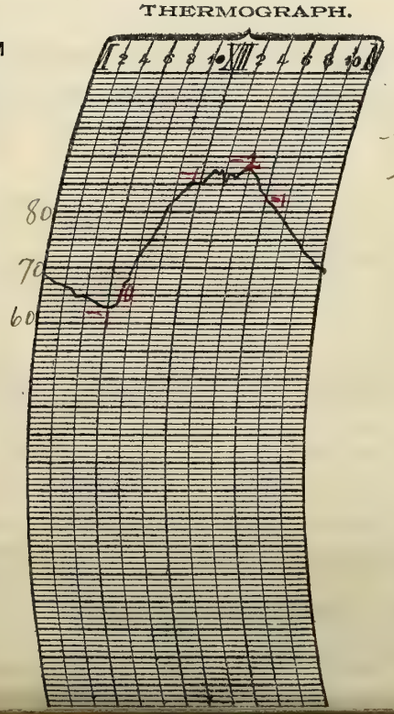


NOTES.

Forenoon clear, but increasing cloudiness in the afternoon with light showers. Moderate temperature, but afternoon somewhat muggy.

Prepared by P.M.C.
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) August 17, 1917

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	64	62	61	59	[illegible]	64	68	70	71	72	74	76	76	77	76	74	72	68	64	63	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunrise: Time, 4.53 Character, Clear																					Sunset: Time, 6.37 Character, Clear			
Sunshine (in tenths of hours)					0.12 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.37 0.3					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	N	N	NW	NW	NW	NW	N	N	N
Wind movement	6	5	7	6	5	5	6	6	7	9	9	8	8	8	7	8	7	7	8	6	8	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
77	59	68	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, inches.

Character of day, Clear Moon phase, New Moon 12

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 100

Prevailing direction, N

Total movement, 161

Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
11	NW	Began 12.22 p.m.

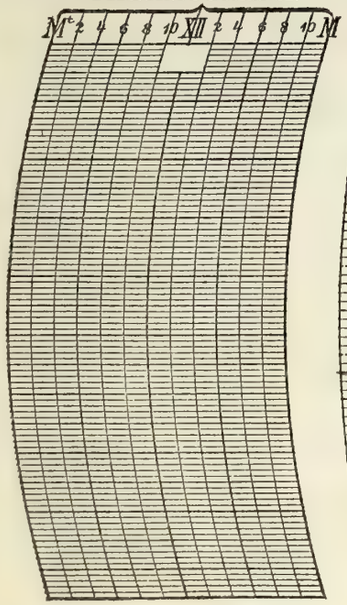
Extreme velocity, 11 NW 12.22 p.m.

Relative humidity, 7 a. m., 82; 12 m., 49; 7 p. m., 48

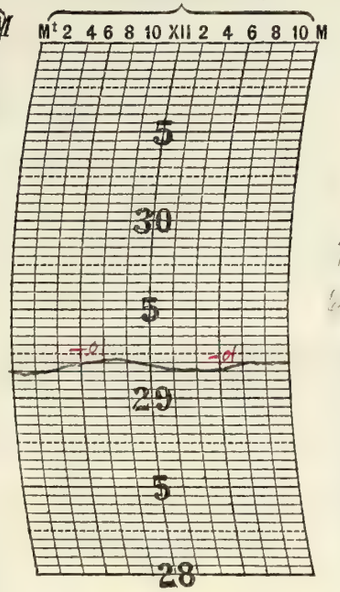
Reduced barometer, 30.09 a. m., 30.06 p. m.

River gage, 2.1 ft.

THERMOGRAPH.



BAROGRAPH.



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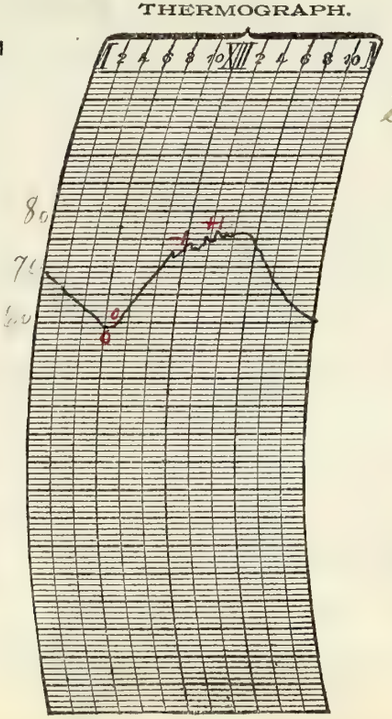


NOTES.

Clear day with pleasant temperature

Prepared by

Verified by

8—486

Form No. 1014—McU'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) August 18, 1917

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	57	56	57	61	68	73	74	77	79	80	80	80	80	79	78	77	73	70	65	65	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					0.10 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.6 0					
Wind direction	N	N	N	N	N	N	N	N	S	SW	NW	NW	N	N	NE	E	E	E	E	E	E	E	E	O
Wind movement	3	2	3	1	4	2	2	2	3	5	4	4	5	4	5	4	4	8	3	3	2	2	1	0
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 4:54; Character, Clear

Sunset: Time, 6:36; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	81	56	68	-

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.7

Possible sunshine, hours, 13.7

Percentage of possible sunshine, 100

Prevailing direction, N

Total movement, 71

Average hourly velocity, 3.0

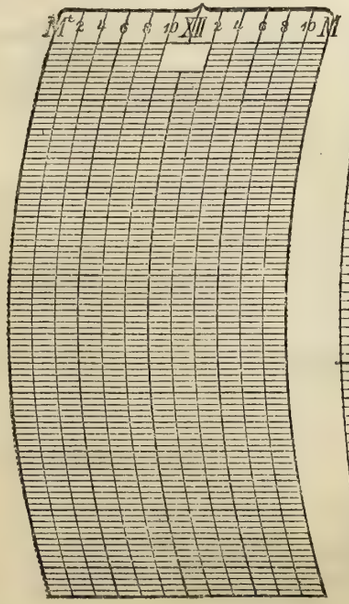
Maximum velocity,	Direction,	Time.
7	N	Began 1:19 P.M.
Extreme velocity, 7	N	1:19 P.M.

Relative humidity, 7 a. m. 76; 12 p. m., 82; 7 p. m., 2.

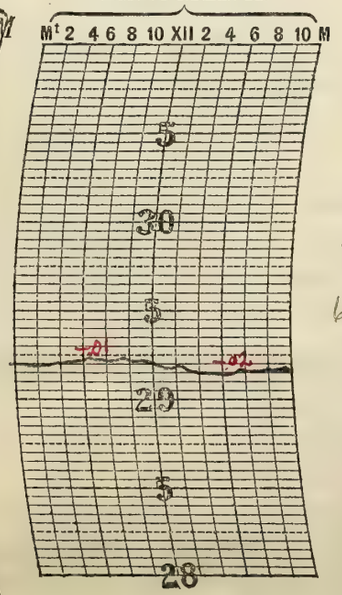
Reduced barometer, 30.12 a. m., 30.06 p. m.

River gage, 2.1 ft.

THERMOGRAPH.



BAROGRAPH.



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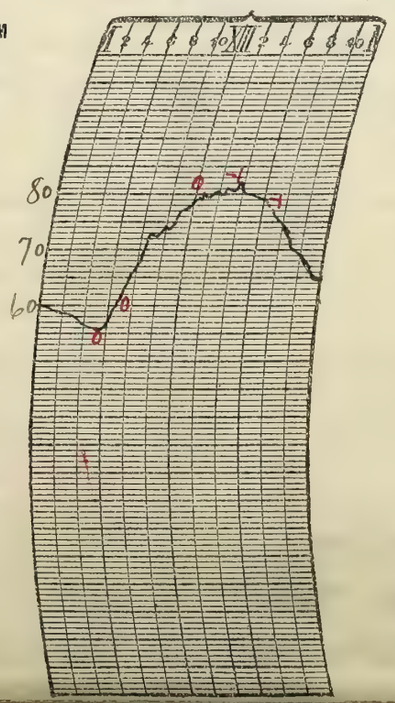


NOTES.

Clear, fine day.

Prepared by J.B.McD.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) August 19, 1917

Time (local standard) 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	62	63	63	66	73	79	82	84	85	88	90	88	88	84	83	82	78	75	73	71	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	0	SE	S	S	S	S	S	SW	SW	SW	SW	SW	S.W.	S.W.	S.W.	S.W.	S.W.	S.W.	S.W.	W.	N.	S.W.	S.W.	S.W.
Wind movement	0	1	2	1	3	2	3	7	8	7	7	8	9	8	7	8	9	7	11	3	2	3	4	11
Maximum velocities (exceeding 29 miles) direction and time																								

Clear — Partly Cloudy — Partly Cloudy — Clear ?

Sunrise: Time, 4:55; Character, Clear

Sunset: Time, 6:34; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	90	62	76	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear; Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 12.7

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 93

Prevailing direction, S.W.

Total movement, 117

Average hourly velocity, 4.9

Maximum velocity, 12; Direction, S; Time. Began 12:45 P.M.

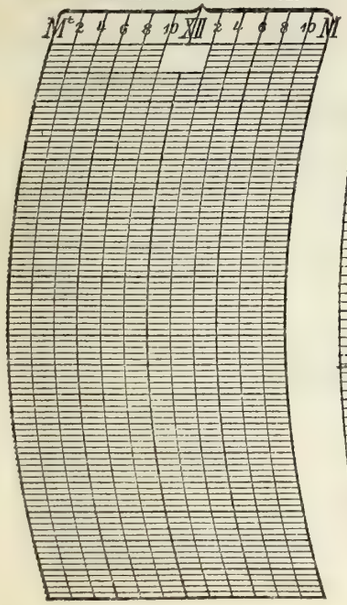
Extreme velocity, 12; S; 12:45 P.M.

Relative humidity, 7 a. m., 71; 12 p. m., 30; 7 p. m., 32

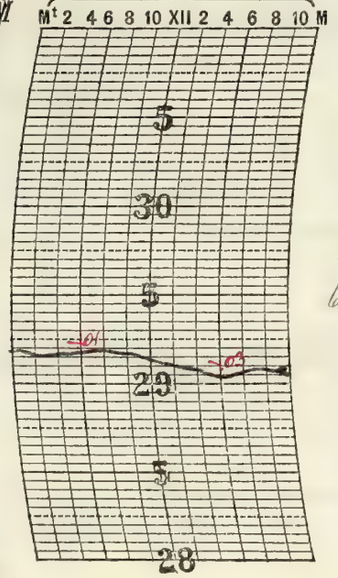
Reduced barometer, 30.08 a. m., 29.92 p. m.

River gage, 2.0 ft.

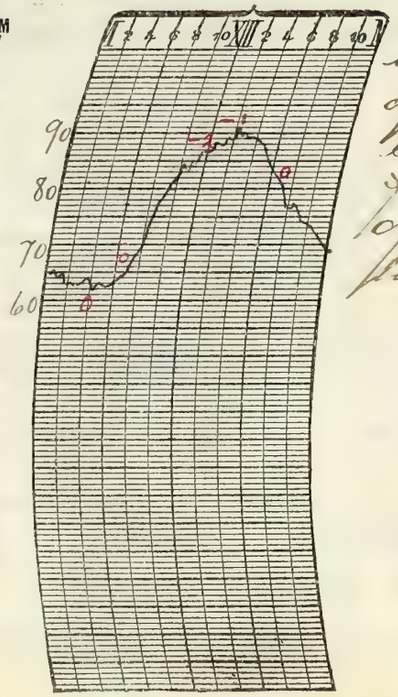
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear, but increasing cloudiness in the late afternoon, the sky becoming clear after 8 p.m. Early morning cool, but the temperature rose rapidly during the forenoon, reaching 90° early in the afternoon, but as the humidity was low the heat was not oppressive.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) August 20, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	66	66	67	69	76	81	85	86	88	89	89	85	85	85	81	75	76	73	73	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		?				Clear			Pt. Cloudy			Clear		Pt. Cloudy					Cloudy					
Sunshine (in tenths of hours)					0.0	1.0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	W	W	W	NW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	7	5	8	8	8	6	7	5	5	5	4	7	6	4	1	4	7	4	4	8	10	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:56; Character, Clear

Sunset: Time, 6:33; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean	Normal.
	90	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 12.7

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 93

Prevailing direction, SW

Total movement, 14

Average hourly velocity, 6.0

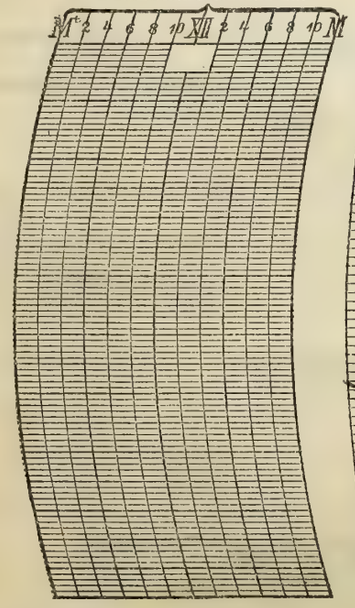
	Maximum velocity,	Direction,	Time.
	12	S.	Began 1:35 P.M.
Extreme velocity,	12	S	1:35 P.M.

Relative humidity, 7 a. m., 64; 2 p. m., 41; 7 p. m., 58

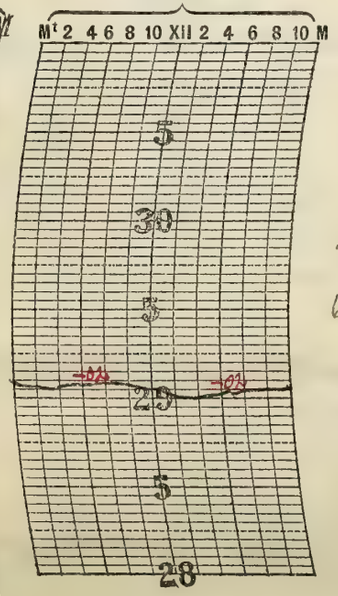
Reduced barometer, 29.94 a. m., 29.90 p. m.

River gage, 2.1 ft

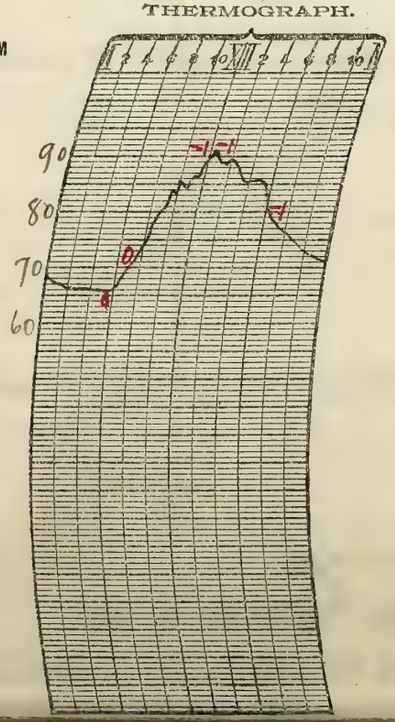
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear in the morning but increasing cloudiness during the forenoon, with overcast skies in the late afternoon and early night. Moderate temperature but mid day hours quite warm.

Prepared by
Verified by P.J.M.Co.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) August 21, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	68	68	67	66	66	67	67	69	71	72	73	72	74	75	75	73	72	71	71	70	68	67
State of weather: Nature of precipitation and time of beginning and ending													RB 12:43	RE 1:50	RB 2:50	RE 3:05				RB 7:40 RE 7:50			RBH E F.N. (P)	
Amounts of precipitation													T	.01	T	T				T			.01	
Cloudiness and other conditions			L						Cloudy															
Sunshine (in tenths of hours)					0	0	0.2	0.3	0.8	1.0	1.0	1.0	0.5	0	0.5	0	0	0	0					
Wind direction	N.W.	S.W.	S.W.	N.W.	N.	N.E.	N.E.	E.	N.E.	E.	E.	N.E.	E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	E.	E.	N.E.
Wind movement	1	5	4	1	4	9	10	7	6	4	4	5	4	4	6	4	6	7	8	7	5	6	5	7
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4:57; Character, Cloudy

Sunset: Time, 6:31; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	75	66	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy; Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 5.3

Possible sunshine, hours, 13.6

Percentage of possible sunshine, 39

Prevailing direction, N.E.

Total movement, 132

Average hourly velocity, 5.5

Maximum velocity, 12; Direction, N.E.; Time. Began 6:11 a.m.

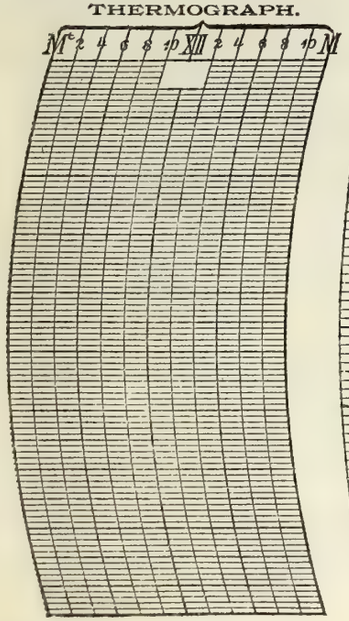
Extreme velocity, 12 N.E. 6:11 a.m.

Relative humidity, 7 a. m., 90; 12 p. m., 75; 7 p. m., 84

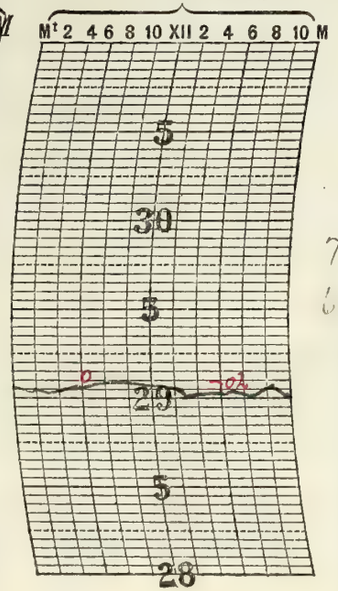
Reduced barometer, 29.96 a. m. 29.91 p. m.

River gage, 2.1 feet

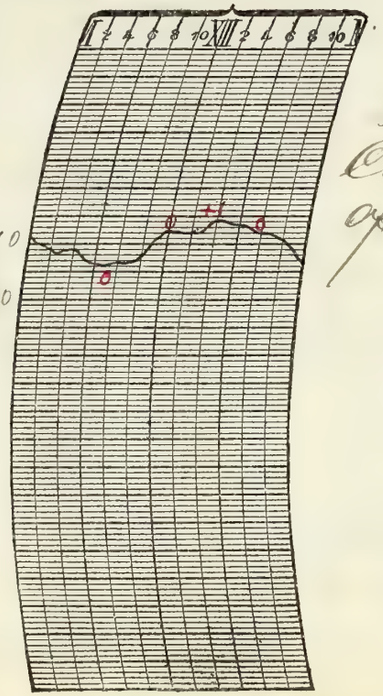
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

× Sunshine throughout detached Cloudy — Moderate temperature and Cloudy, with showers in the afternoon and night.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) August 22, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	66	66	66	67	70	72	72	75	77	78	77	76	75	75	75	73	71	69	68	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		?		←							Cloudy									→			?	
Sunrise: Time, Character	4:58 Cloudy																				Sunset: Time, Character 8:30 Cloudy			
Sunshine (in tenths of hours)					0	0	0	0.3	0.4	0.1	0.9	1.0	0.2	0.6	0.5	0	0	0	0					
Wind direction	N.E.	E.	E.	E.	E.	N.E.	E.	E.	E.	E.	E.	S.E.	SE	SE	SE	SE	SE	SE	S	SE	SE	E	E	E
Wind movement	5	5	7	7	5	5	6	5	6	4	6	6	8	7	4	2	3	5	4	3	4	4	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
78	64	72	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.0

Possible sunshine, hours, 13.5

Percentage of possible sunshine, 30

Prevailing direction, E.

Total movement, 117

Average hourly velocity, 4.9

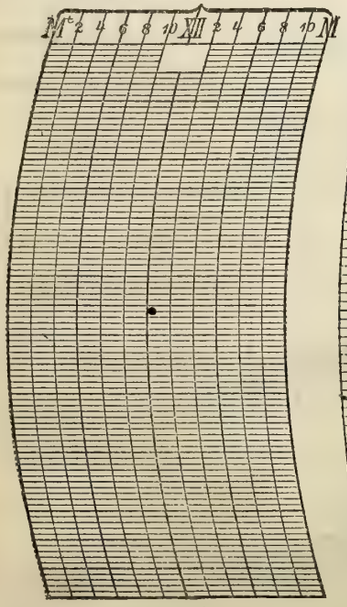
Maximum velocity,	Direction,	Time.
11	S.E.	Began 1:13 PM
Extreme velocity, 11	S.E.	1:13 PM

Relative humidity, 7 a. m., 64; 12 m., 57; 7 p. m., 77

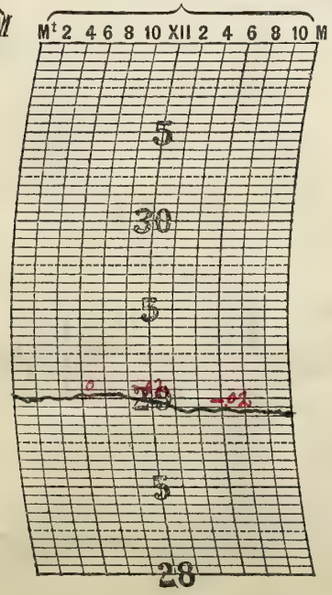
Reduced barometer, 29.92 a. m. 29.81 p. m.

River gage, 2.17 ft.

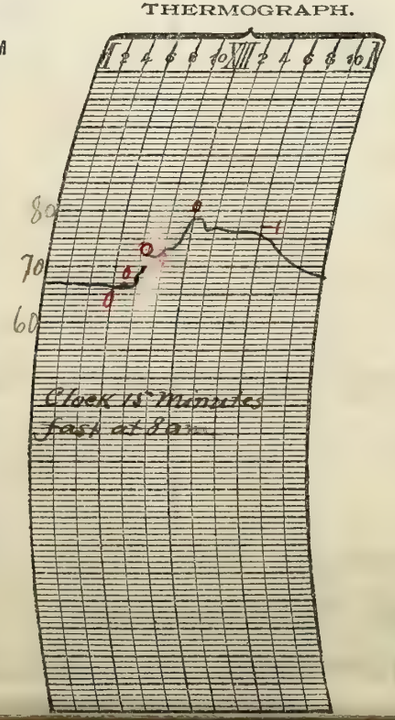
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by J. J. McG.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Thursday (Date) August 23, 1917

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	67	67	66	66	67	69	74	78	[illegible]	87	84	82	80	65	67	68	68	68	67	63	62
State of weather: Nature of precipitation and time of beginning and ending			FBK E D.N a														FB 4:07	FE 6:05						
Amounts of precipitation			T														.11	T						
Cloudiness and other conditions						L 8 0 9	→		9	Pt. Cloudy			—	—	—	—	X Cloudy		X Pt. Cloudy					

	Sunrise: Time,	Character,	Sunset: Time,	Character,
	4:59	Cloudy	6:28	Cloudy

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	SE	SE	SW	SW	SW	SW	SW	SW	W	N.W	W	W	SW	W	W	SW	SW
Wind movement	2	3	2	3	2	2	3	3	3	5	8	9	—	11	11	10	15	7	7	6	10	7	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

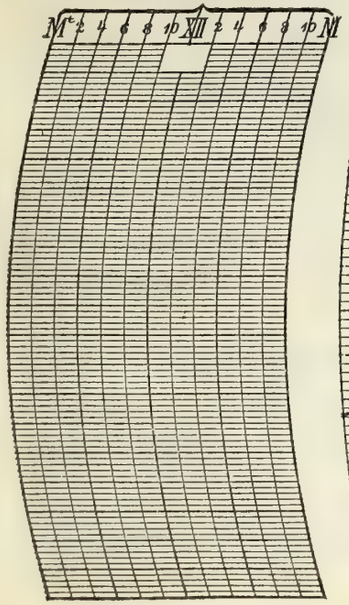
Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
88	62	75	

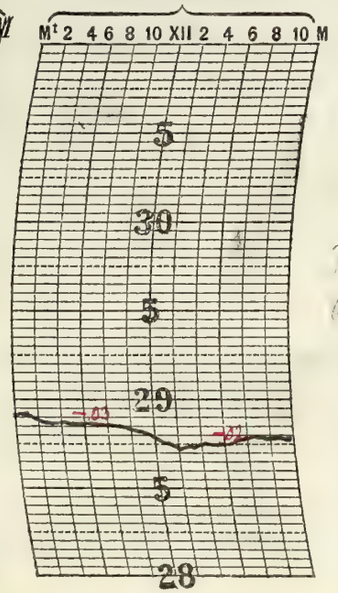
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Pt. Cloudy Moon phase, ____
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.4
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 47
Prevailing direction, SW
Total movement, 160
Average hourly velocity, 6.7

Maximum velocity, 27 Direction, W Time. Began 4:06 P.M.
Extreme velocity, 30 W 4:06 P.M.
Relative humidity, 7 a. m., 97; 12 p. m., 54; 7 p. m., 90
Reduced barometer, 29.72 a. m., 29.62 p. m.
River gage, 2.1 ft.

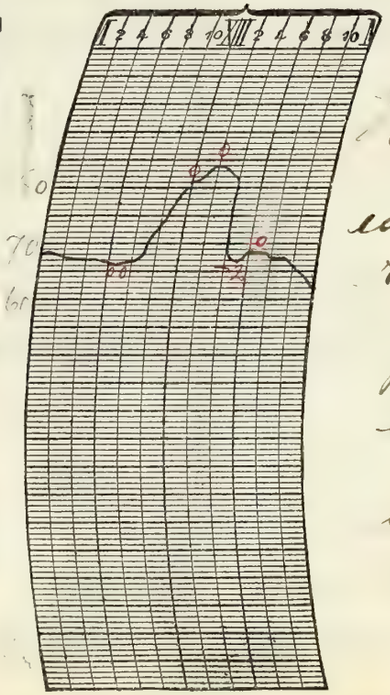
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light fog from 5:30 a.m. to 6:35 a.m., and from 7:20 a.m. to 8:10 a.m.; dense fog from 6:35 a.m. to 7:20 a.m.

Generally partly cloudy, but with increasing cloudiness and light rain in the afternoon.

A thunderstorm of slight intensity prevailed from 4:00 p.m. to 5:05 p.m. The storm came from the southwest. Previous to the storm the temperature reached 84° and during the storm it fell to 65°.

Prepared by
Verified by

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) August 24, 1917

Time (local standard), 90th mer.

1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	59	58	59	62	65	68	70	69	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, Character,	300 Clear											
Sunshine (in tenths of hours)						0.6 0.4	1.0	1.0	1.0	1.0	1.0	0.8
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	10	9	12	12	12	12	12	16	19	18	21	20
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	65	61	62	60	60	57	56	56	55	55
State of weather: Nature of precipitation and time of beginning and ending				RB 3.15 RE 3.25		RB 5.25 RE 5.30						
Amounts of precipitation				T		T						
Cloudiness and other conditions						Cloudy						
Sunset: Time, Character,									6.27 Cloudy			
Sunshine (in tenths of hours)	0.3	0.2	0	0	0	0	0					
Wind direction	W	W	W	NW	W	W	W	W	NW	W	W	W
Wind movement	23	20	15	13	11	17	15	12	9	11	12	11
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	70	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 7.3

Possible sunshine, hours, 13.4

Percentage of possible sunshine,

Prevailing direction, W

Total movement, 342

Average hourly velocity, 14.2

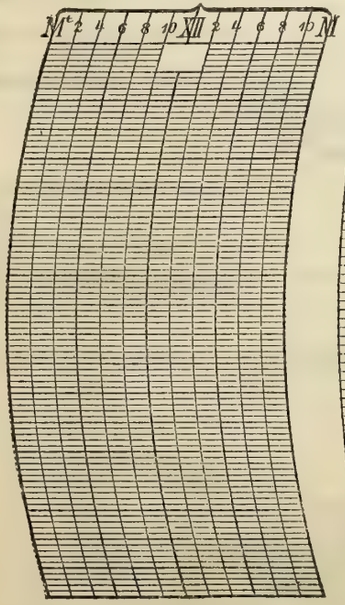
Maximum velocity,	Direction,	Time.
27	W	Began 12:57 p.m.
Extreme velocity, 28	W	1:01 p.m.

Relative humidity, 7 a. m., 80; 12 m., 51; 7 p. m., 66

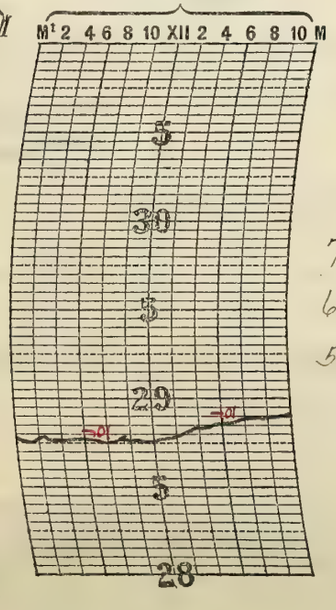
Reduced barometer, 29.64 a. m., 29.75 p. m.

River gage, 2.3

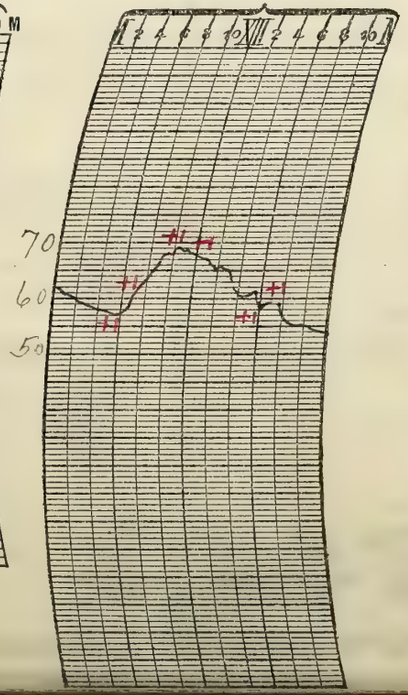
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon clear, with increasing cloudiness, the afternoon being mostly cloudy, with light sprinkling rain for short intervals. Moderately low temperature during the day, with increasing southwesterly winds and rising pressure.

Prepared by

Verified by P. M. Gd.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) August 25, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	53	51	50	50	52	56	58	61	63	64	65	67	67	68	68	65	64	62	61	59	59	58
				RB ΔNa			RE 620																	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				T	.01	T	T																	
Cloudiness and other conditions		?	—	Cloudy	—																			
Sunshine (in tenths of hours)						0	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.2					
Wind direction	W	W	W	W	NW	NW	W	NW	NW	NW	NW	NW	W	NW	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	11	10	9	10	9	6	8						15	15	13	13	10	10	6	4	3	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								
Excessive precipitation, accumulated amounts																								

Sunrise: Time, 5:00; Character, Cloudy

Sunset: Time, 6:25; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	75	50	57	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Clear Moon phase, Last quarter

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.9

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 81

Prevailing direction, —

Total movement, —

Average hourly velocity, —

Maximum velocity, 19 Direction, W Time. Began 10:15 am

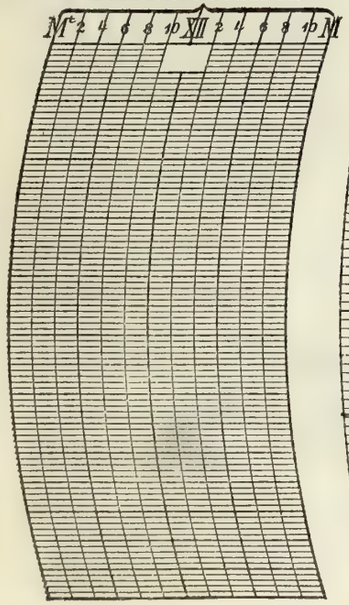
Extreme velocity, — — —

Relative humidity, 7 a. m., 94; 12 p. m., 35; 7 p. m., 48

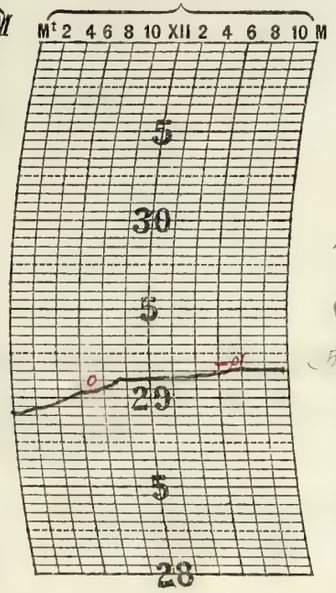
Reduced barometer, 29.96 a. m., 30.65 p. m.

River gage, 2.37

THERMOGRAPH.



BAROGRAPH.



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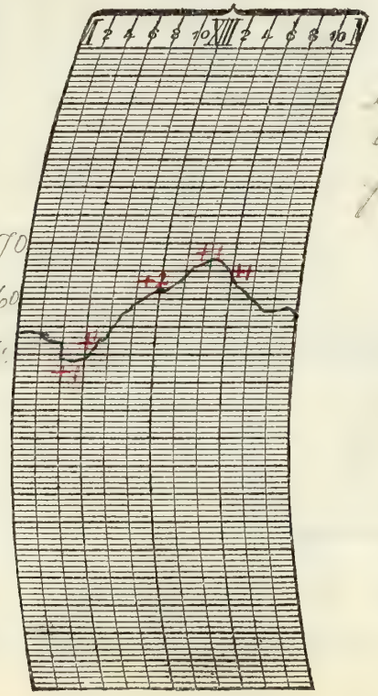


NOTES.

Clouds & fog during morning with light rain which began during the night and ended at 6:30 a.m.; generally clear from 10 a.m. [illegible]

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) August 26, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	56	56	56	57	64	69	74	75	78	79	82	83	84	82	80	77	76	72	69	67	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.8T	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.4					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	S	SW
Wind movement	10	10	6	8	6	7	9	11	12	10	11	11	10	11	13	12	11	9	10	10	10	9	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 502; Character, Clear

Sunset: Time, 624; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Fair

Actual sunshine, hours, 13.4

Possible sunshine, hours, 13.4

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 213

Average hourly velocity,

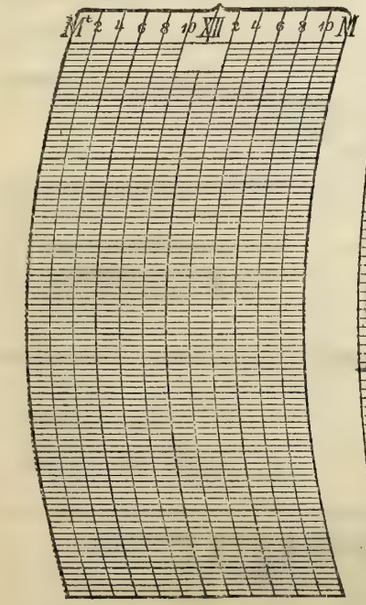
Maximum velocity,	Direction,	Time.
17	SW	Began 7:46 am
Extreme velocity, 17	SW	7:46 am

Relative humidity, 7 a. m., 73; 12 p. m., 41; 7 p. m., 44

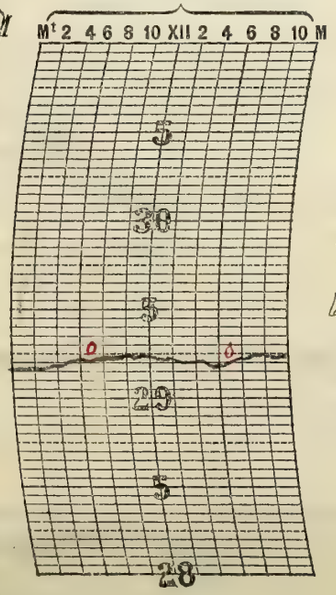
Reduced barometer, 30.13 a. m. p. m.

River gage, 22 ft

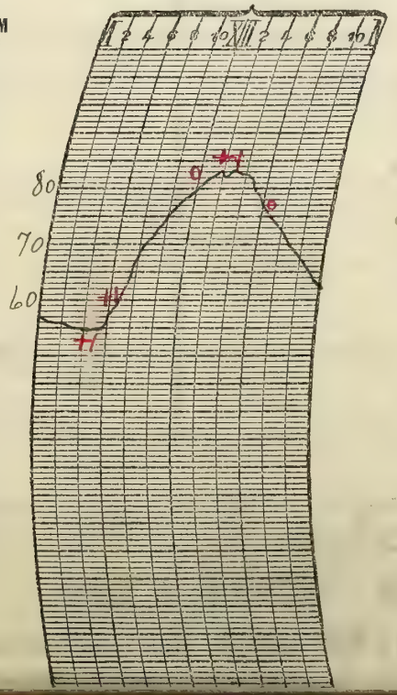
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear, fine day; cool in the morning, but the temperature rose rapidly during the forenoon.

Prepared by

Verified by

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) August 27, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	61	60	62	64	71	77	79	79	80	82	83	81	79	79	77	76	74	72	71	64	65
State of weather: Nature of precipitation and time of beginning and ending																							TB 10.40	RE II N P
Amounts of precipitation																							69	93
Cloudiness and other conditions		7	L				Clear								PH Cloudy					Cloudy				
Sunrise: Time, 5.03 Character, Clear																								
Sunset: Time, 6.02 Character, Cloudy																								
Sunshine (in tenths of hours)						0.85 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0					
Wind direction	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	9	8	10	10	11	15	19	20	19	22	22	22	21	24	20	16	15	12	9	11	13	10
Maximum velocities (exceeding 29 miles) direction and time																31 SW 3.53	30 SW 4.03							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts 10:40 p	11:12 p	1.02	10:45 p	11:12 p	.01	20	48	66	79	92	98								

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to 7 a. m., ____ ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, 10.4

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 78

Prevailing direction, SW

Total movement, 353

Average hourly velocity, 14.7

Maximum velocity, 31 Direction, SW Time. Began 3:53 p.m.

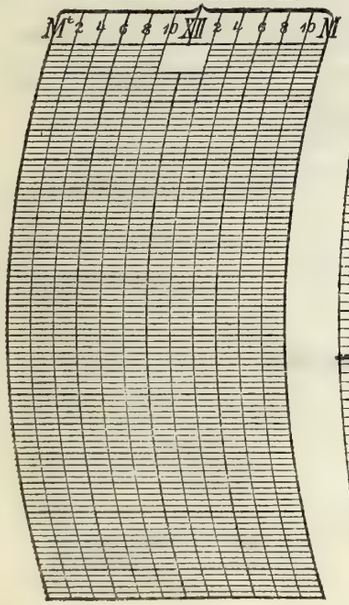
Extreme velocity, 32 SW 4:03 p.m.

Relative humidity, 7 a. m., 11; 12 p. m., ____; 7 p. m., ____

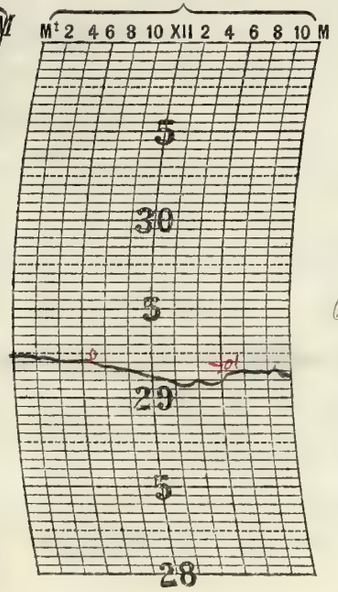
Reduced barometer, 30.11 a. m. 30.07 p. m.

River gage, ____

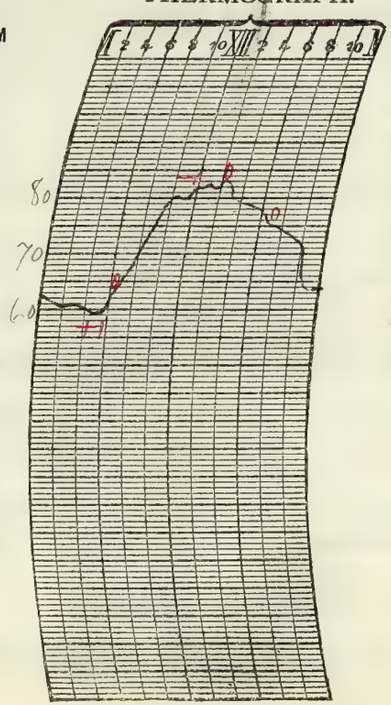
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear during the forenoon, but increasing cloudiness in the early afternoon. Cloudy at night, with a moderate thunderstorm from 10:40 p.m. to 11 p.m., and excessive rain from 10:45 p.m. to 11:12 p.m. The total rainfall was 1.02 inches and it fell in the fifty-one minutes.

Cool in the early morning, but the temperature was moderate, high during the day.

Prepared by

Verified by P. M. [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) August 28, 1917

Time (local standard) 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	65	64	64	64	64	64	64	61	60	
State of weather: Nature of precipitation and time of beginning and ending				TB SW	—	—	—	—	—	—	—	—
Amounts of precipitation				.02	.01	.02		.03	.02	.06	.04	.05
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 5:04; Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SW	SW	W	SW	SW	SW	SW	NE	N	NE	N	N
Wind movement	9	6	6	7	3	4	6	4	3	6	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	62	61	61	60	61	61	60	60	60	
State of weather: Nature of precipitation and time of beginning and ending	—	RE 1:50				R.B 5:15	RE 6:15	RB 7:50	—	—	—	—
Amounts of precipitation	—	—				.01	T	T	.01	T	T	
Cloudiness and other conditions							Cloudy					
Sunset: Time, 6:21; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	N	NE	NE	N	N	N	N	NE	NE	NE	E	E
Wind movement	8	7	8	6	6	5	5	4	5	5	5	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 1.34 ins.; to 7 p. m., .21 ins.

Total precipitation, midnight to midnight, .55 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 13.3

Percentage of possible sunshine, 0

Prevailing direction, N

Total movement, 132

Average hourly velocity, 5.5

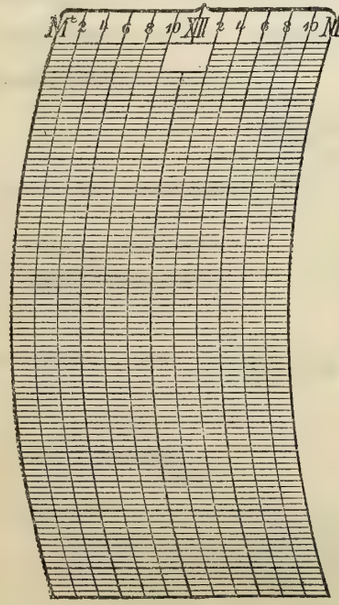
Maximum velocity,	Direction,	Time.
17	SW	Began 6:12 am
Extreme velocity, 17 SW		6:12 am

Relative humidity, 7 a. m., 97; 12 m., 90; 7 p. m., 92

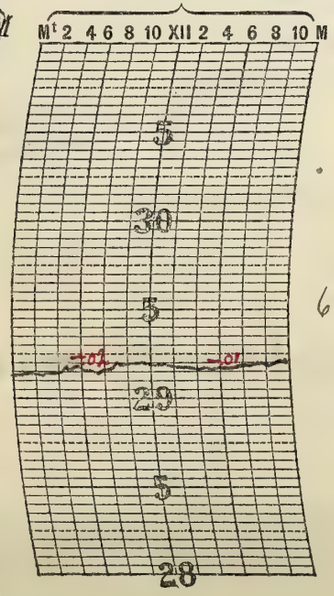
Reduced barometer, 30.00 a. m., 30.07 p. m.

River gage,

THERMOGRAPH.



BAROGRAPH.



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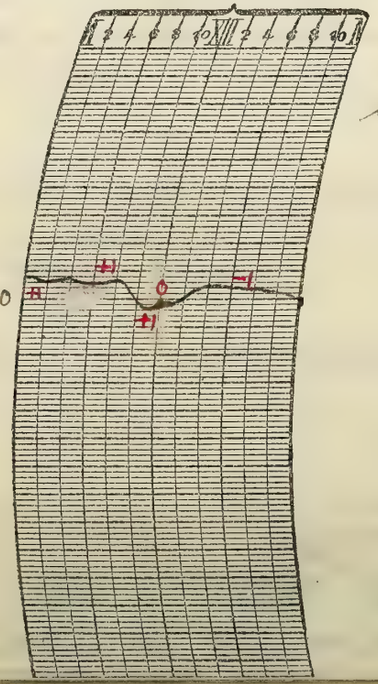


NOTES.

Cool, Cloudy and unpleasant, with light rain

Prepared by

Verified by

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) August 29, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	56	56	55		55		57	58	59		61	62	62	61	62	61		59	59	59	58	57
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	RE															
Amounts of precipitation	.03	T	T	T	.02	.03	.05	.02	T															
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)						0	0	0	0	0.1	0	0.6	0	0.1	0	0	0	0	0					
Wind direction	NE	E	E	NE	E	E	SE	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	E	NE
Wind movement	3	3	4	4	4	4	5	4	4	6	6	7	7	8	5	8	7	3	3	3	3	3	2	2

Sunrise: Time, 5:04; Character, Cloudy

Sunset: Time, 6:19; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	55		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, [illegible] Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 0.8

Possible sunshine, hours, 13.2

Percentage of possible sunshine, 6

Prevailing direction, [illegible]

Total movement, 108

Average hourly velocity, 4.5

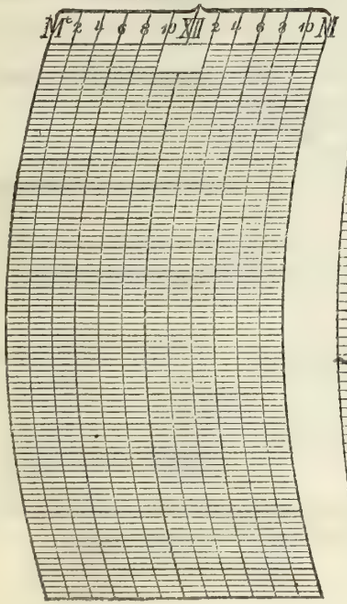
Maximum velocity,	Direction,	Time.
11	NE	Began 1:28 P.M.
Extreme velocity, 11	NE	1:28 P.M.

Relative humidity, 7 a. m., [illegible]; 12 m., [illegible]; 7 p. m., [illegible]

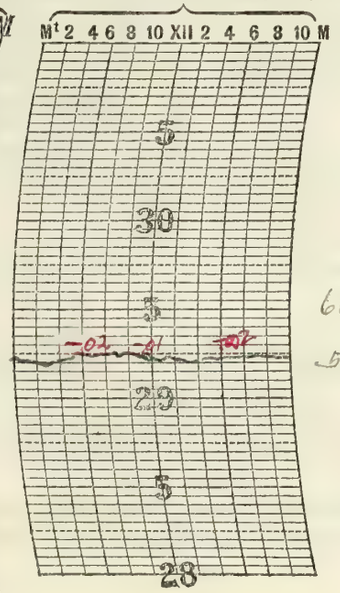
Reduced barometer, 30.13 a. m., 30.11 p. m.

River gage, 2.8

THERMOGRAPH.



BAROGRAPH.



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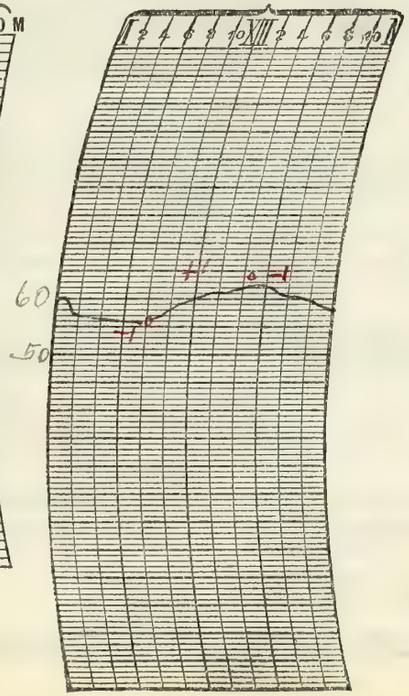


NOTES.

Cool and cloudy, with light semi-fall of rain

Prepared by

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) August 30, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	55	55	54	55	56	65	67	68	69	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, 505; Character, Clear												
Sunshine (in tenths of hours)						0.92 0	0.7 0.8	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NE	NE	N	N
Wind movement	3	3	2	3	3	3	4	3	8	8	8	5
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	74	73	73	72	67	66	62	62	61	60	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 6:17; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.28 0					
Wind direction	NW	NW	NW	N	NW	NW	NW	N	E	E	E	E
Wind movement	4	5	6	5	4	4	5	3	5	5	6	5
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

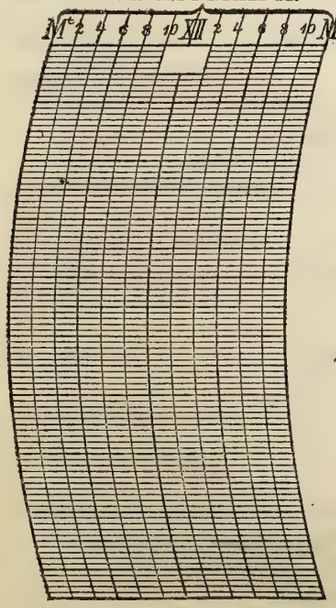
	Maximum.	Minimum.	Mean.	Normal.
Temperature	74	53		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0–10), ____
Actual sunshine, hours, 13.2
Possible sunshine, hours, 13.2
Percentage of possible sunshine, ____
Prevailing direction, ____
Total movement, 109
Average hourly velocity, ____

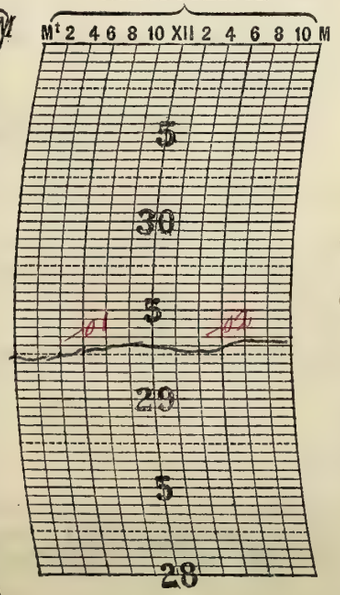
Maximum velocity,	Direction,	Time.
10	NE	Began 8:50 am
Extreme velocity, 10	NE	8:50 am

Relative humidity, 7 a. m., 84; ~~12 m.~~, 92; 7 p. m., 52
Reduced barometer, 30.18 a. m., 30.19 p. m.
River gage, ____

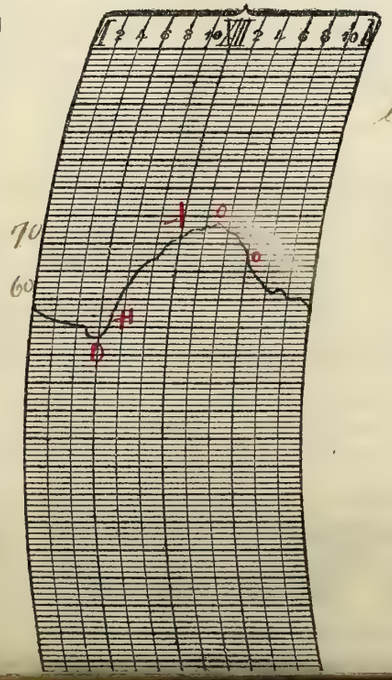
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear pleasant day with moderate temperature.

Prepared by
Verified by

Form No. 1011 Rev. 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) August 31, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	54	53	54	56	61	67	70	73	72	73	74	74	74	73	71	[illegible]	68	66	66	65	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	←				Clear					→			←			Pt Cloudy								→
Sunrise: Time, 5:07 Character, Clear																					Sunset: Time, 6:16 Character, Cloudy			
Sunshine (in tenths of hours)						888 0.1 0	0	10	10	10	10	10	10	10	10	07	08	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	S	S
Wind movement	9	5	4	4	5	5	6	3	3				9	7	7	9	6	4	4	4	5	4	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

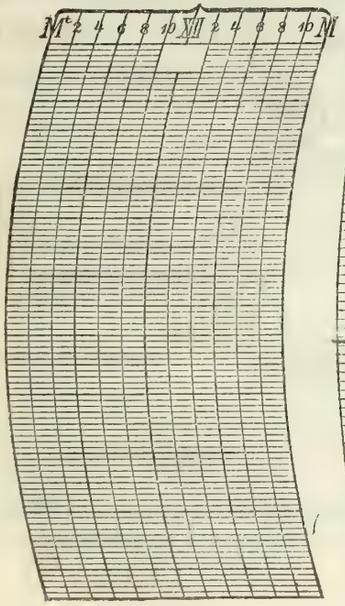
	Maximum.	Minimum.	Mean.	Normal.
Temperature	75	53	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.4
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 86
Prevailing direction, E
Total movement,
Average hourly velocity,

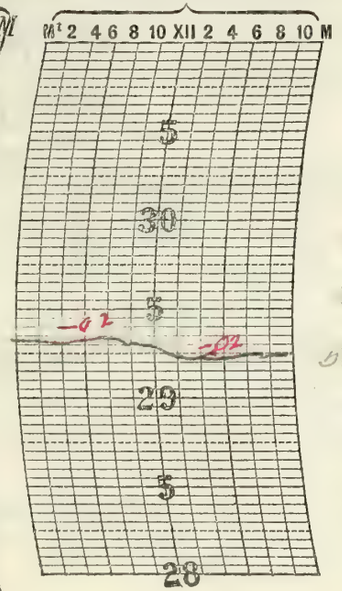
Maximum velocity,	Direction,	Time.
12	E	Began 12:30 pm
Extreme velocity, 12	E	12:30 pm

Relative humidity, 7 a. m., [illegible]; 12 m., [illegible]; 7 p. m., [illegible]
Reduced barometer, 30.22 a. m., [illegible] p. m.
River gage, 2.4 ft.

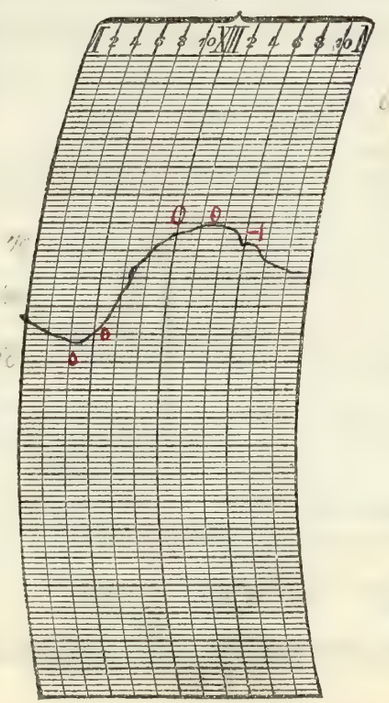
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon Clear and afternoon and night Partly Cloudy & Moderate

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Saturday, (Date) September 1, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	62	61	62	63	70	74	77	80	81	83	84	84	84	83	81	78	77	75	73	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 5:08; Character, Cloudy																					Sunset: Time, 6:44; Character, Clear			
Sunshine (in tenths of hours)						0							10	10	10	10	10	05	0					
Wind direction	S	SW	SW	SW	S	S	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW
Wind movement	4	6	6	5	6	7	6	7	7	11	12	14	13	14	13	12	9	5	5	5	5	6	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase Full Moon

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 11.3

Possible sunshine, hours, 13.1

Percentage of possible sunshine, 86

Prevailing direction, SW

Total movement, 192

Average hourly velocity, 8.0

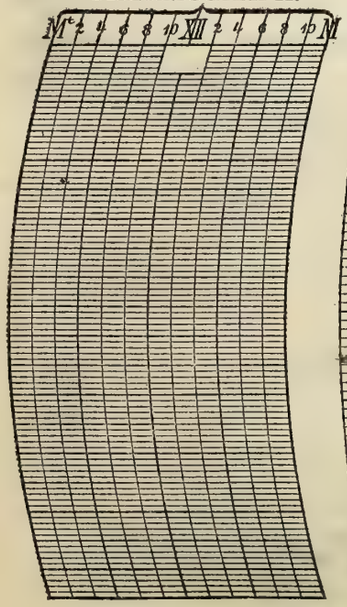
Maximum velocity,	Direction,	Time.
17	SW	Began 11:52 am
Extreme velocity, 18	SW	11:57 am

Relative humidity, 7 a. m., 75; 12 p. m., 45; 7 p. m., ____

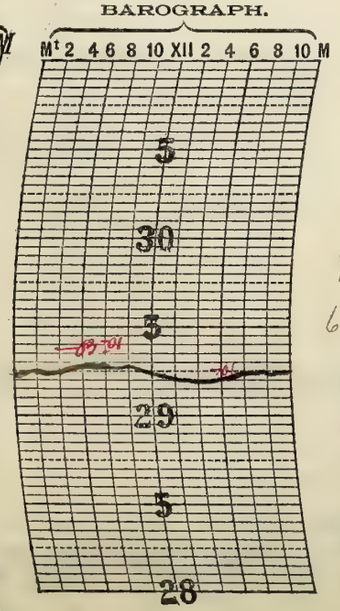
Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

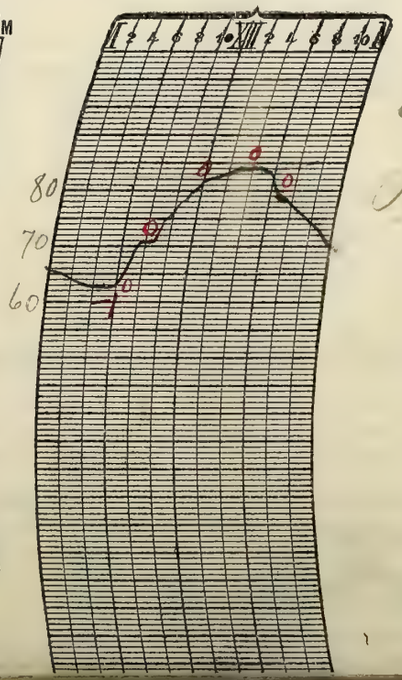
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dew deposit in the am - partly Cloudy in the morning, but day generally clear, with moderate Temperature

Prepared by

Verified by

Form No. 1012—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) September 2, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	67	67	66	68	70	75	78	75	68
State of weather: Nature of precipitation and time of beginning and ending												RB 11:22 RE 11:40
Amounts of precipitation												.08
Cloudiness and other conditions		L	—	—	—	Clear	—	—	—	—	—	Cloudy
Sunrise: Time, Character,	5:09 Clear											
Sunshine (in tenths of hours)						0	.6	1.0	1.0	1.0	1.0	0.1
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	N	N	N
Wind movement	8	8	8	7	9	6	6	7	6	-	-	-
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	74	75	75	74	72	71	69	68	66	65	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	L	Pt. Cloudy			Cloudy	Cloudy	L	Pt. Cloudy				?
Sunset: Time, Character,									6:12 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	NE	N	N	N	NE	N	N	N	NE	N	NE	N
Wind movement	6	7	9	7	6	3	5	6	5	4	5	2
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

---------- hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
79	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., ------ inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.8

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 83

Prevailing direction, N

Total movement, 144

Average hourly velocity, 6.2

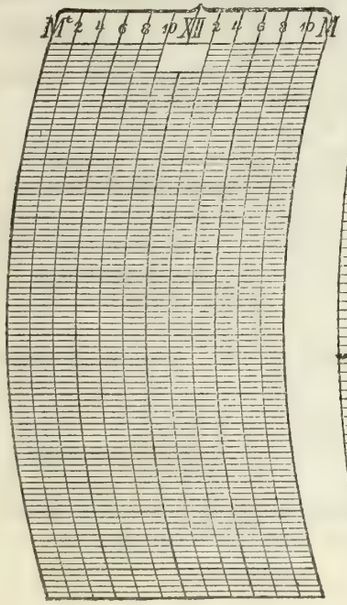
Maximum velocity,	Direction,	Time.
27	NW	Began 11:08 am
Extreme velocity, 28	NW	11:10 am

Relative humidity, 7 a. m., 89; 12 ~~p. m.~~, 90; 7 p. m., 78

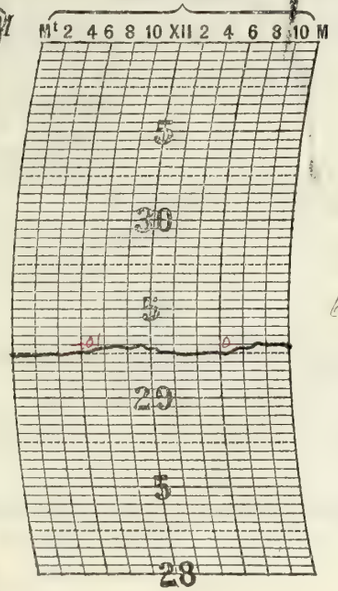
Reduced barometer, 30.15 a. m., 30.16 p. m.

River gage,

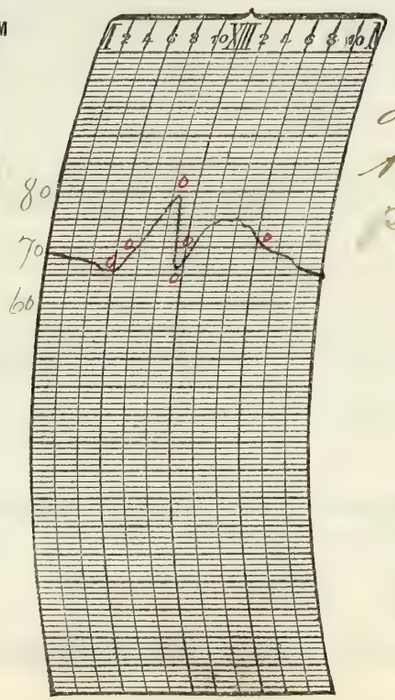
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Day generally partly cloudy, with a thundershower from 11:12 am. to 11:40 am. Moderate temperatures prevailed.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September 3, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	61	59	59	59	60	62	65	67	71	[illegible]	75	76	75	75	72	69	[illegible]	65	62	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				< Cloudy				Pt. Cloudy			Cloudy		< Pt. Cloudy											
Sunrise: Time, 5:10; Character, Cloudy																					Sunset: Time, 6:11; Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0					
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	SE	N	W	NW	NW	N	N	N	NE	NE	NE	NE	NE
Wind movement	3	6	6	6	5	6	5	6	6	7	4	3	3	4	6	4	8	6	5	9	9	8	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
76	59	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., [illegible] ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Pt. Cloudy; Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 8.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 65

Prevailing direction, NE

Total movement, 144

Average hourly velocity, 5.8

Maximum velocity, 11; Direction, NE; Time. Began 7:10 p.m.

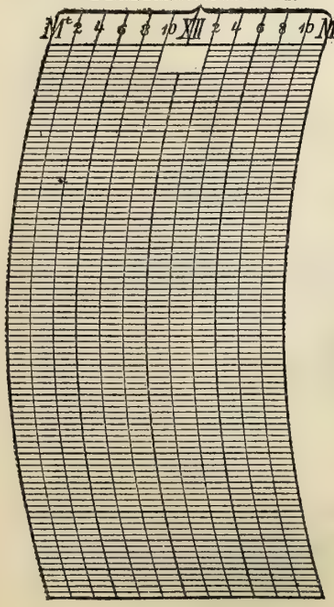
Extreme velocity, 11 NE 7:10 p.m.

Relative humidity, 7 a. m., 83; 12 p. m., 59; 7 p. m., 68

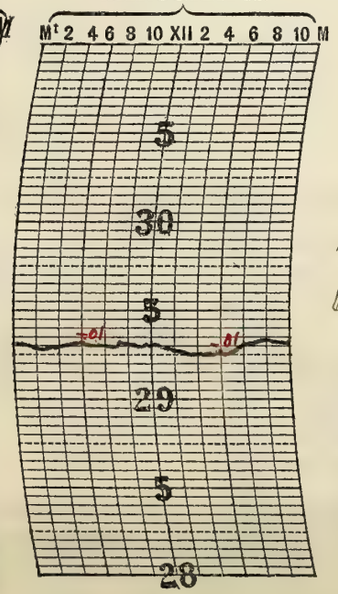
Reduced barometer, 30.23 a. m., 30.17 p. m.

River gage, 2.2 ft

THERMOGRAPH.



BAROGRAPH.



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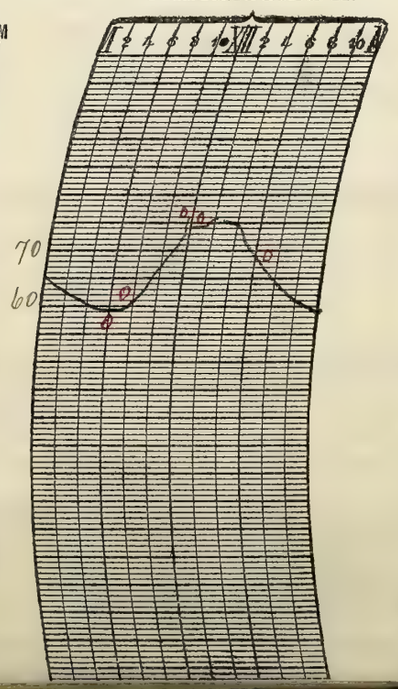


NOTES.

Generally pt cloudy weather with moderate temperature.

Prepared by P. McA.

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) September 4, 1917

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	59	58	57	57	58	63	64	67	67	68	68	70	70	70	68	66	65	61	59	57	54	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Cloudy												Clear								
Sunshine (in tenths of hours)						0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	E	E	NE	NE	E	E
Wind movement	9	9	7	8	9	8	9	12	12	8			10	9	8	8	7	5	5	3	4	5	6	4

Sunrise: Time, 5:11; Character, Cloudy

Sunset: Time, 6:09; Character, Clear

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	56	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 11.4

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 88

Prevailing direction, NE

Total movement, 190

Average hourly velocity, 7.9

Maximum velocity, 16 Direction, NE Time. Began 9:12 AM

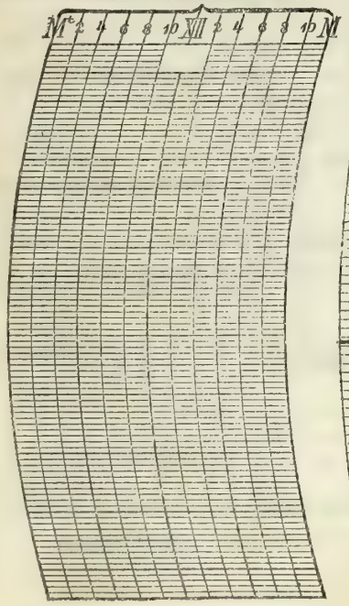
Extreme velocity, 17 NE 9:12 AM

Relative humidity, 7 a. m., 74; 12 p. m., 47; 7 p. m., 63

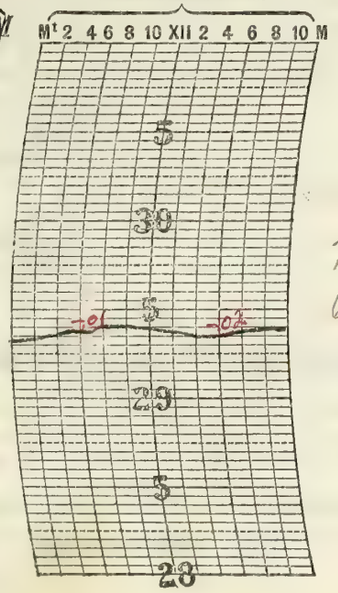
Reduced barometer, 30.39 a. m., 30.25 p. m.

River gage,

THERMOGRAPH.



BAROGRAPH.



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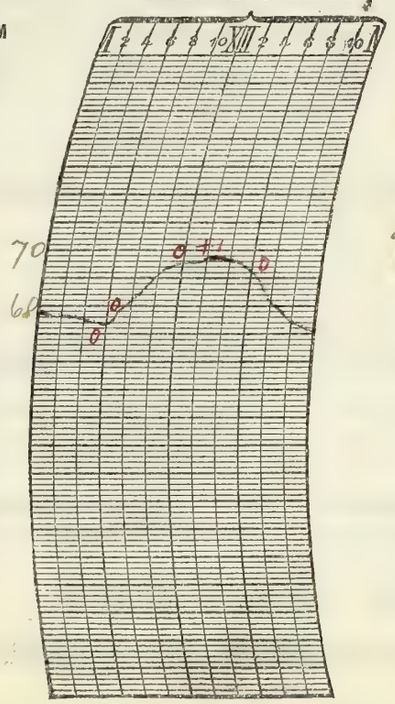


NOTES.

Cloudy in the early morning, but cleared up rapidly after the am. observation, the day being generally clear from 8 am. Moderately cool, but pleasant

Prepared by WSB.
Verified by O. G. M.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) September 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	53	53	54	55	61	64	66	69	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	?	—	Clear				—	Pt. cldy	Cloudy			
Sunshine (in tenths of hours)						0.82 / 0	0.8 / 0.2	1.0	1.0	1.0	0.6	0
Wind direction	SE	SE	SE	SE	S	SE	SE	SE	SE	SE	S	S
Wind movement	5	[illegible]	[illegible]	3	2	4	[illegible]	9	11	[illegible]	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	73	74	75	73	72	[illegible]	71	72	73	73	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		—	Pt. cldy	Clear		Pt. Cldy					
Sunshine (in tenths of hours)	0.5	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	E	SE	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	7	[illegible]	16	18	18	11	8	13	[illegible]	15	17	15

Sunrise: Time, 5.11; Character, Clear

Sunset: Time, 6.08; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	75	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Pt. Cloudy. Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.0

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 77

Prevailing direction, S.E.

Total movement, 222

Average hourly velocity, 9.4

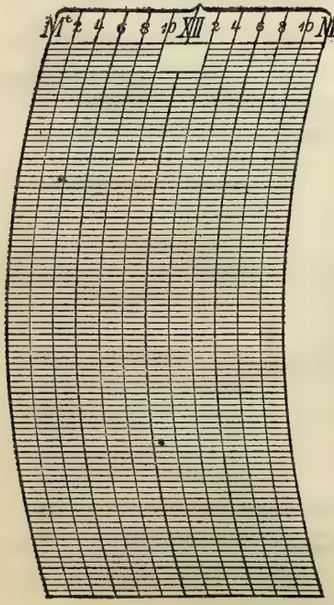
Maximum velocity,	Direction,	Time.
21	SW	Began 10:47 PM
Extreme velocity, 23	SW	10:47 PM

Relative humidity, 7 a. m., 67; 12 p. m., 58; 7 p. m., 67

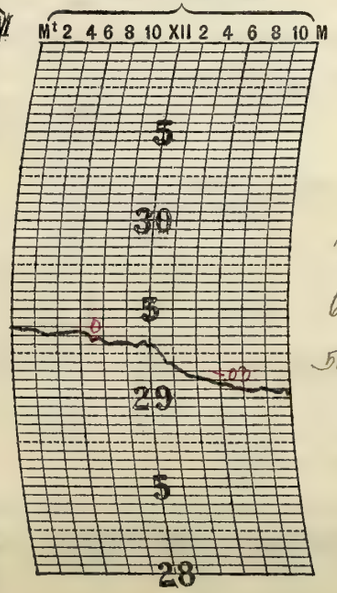
Reduced barometer, 30.25 a. m. 29.96 p. m.

River gage, 2 ft.

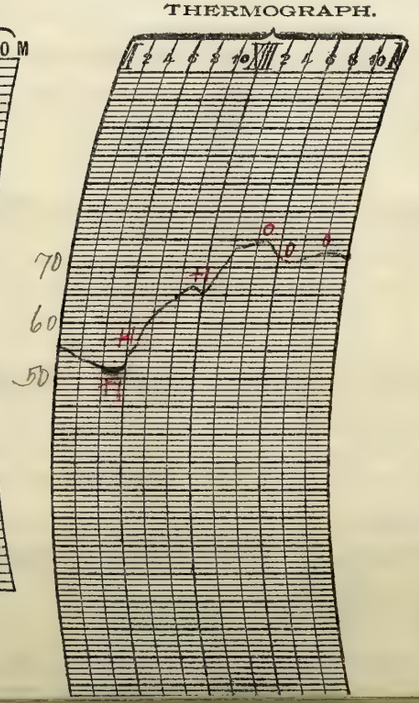
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy weather with pleasant temperature

Sun obscured by cloud bank in western sky in the evening

Prepared by WSB.

Verified by P. McD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	64	63	59	58	59	58	60	64	67	69	69	71	70	71	69	68	64	61	59	57	56	55
	TB 11.Na					TE 5.50																		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	01	T	T	04	T	03																		
Cloudiness and other conditions		Cloudy								Pc. Cloudy								Clear					?	
Sunrise: Time, Character,	5.12 Cloudy																				Sunset: Time, Character, 6.06 Clear			
Sunshine (in tenths of hours)						0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.6 0	0.10 0				
Wind direction	SW	W	W	N	NW	NW	N	N	N	NE	NE	N	NW	NW	N	N	N	NE	NE	NE	E	E	NE	NE
Wind movement	11	11	10	14	9	10	8	8	8	7	8	7	9	7	6	7	6	7	6	6	5	5	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

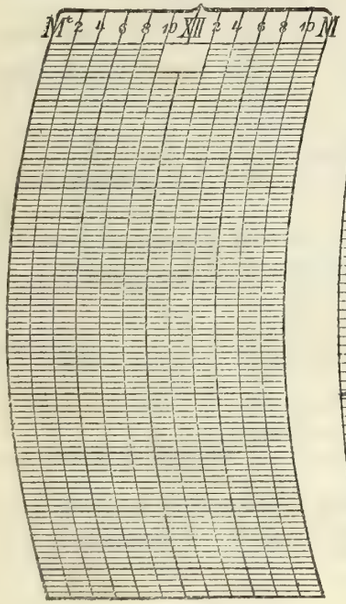
Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
72	55	64	

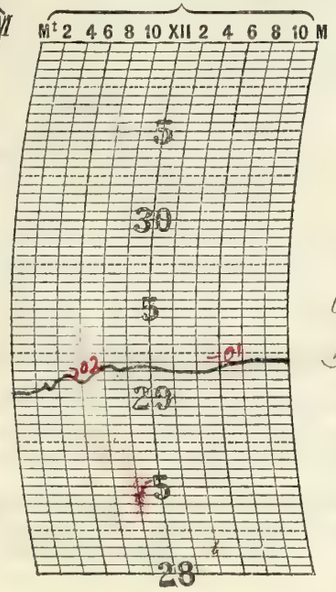
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 03 inches.
Character of day, Pc. Cloudy Moon phase,
Average daily cloudiness (0–10), 4
Actual sunshine, hours, 10.3
Possible sunshine, hours, 12.0
Percentage of possible sunshine, 80
Prevailing direction, N
Total movement, 187
Average hourly velocity, 7.8

Maximum velocity, 28 Direction, NW Time. Began 3:18 AM
Extreme velocity, 31 N.W. 3:22 AM
Relative humidity, 7 a. m., 79; 12 p. m., 51; 7 p. m., 65
Reduced barometer, 30.06 a. m. 30.09 p. m.
River gage, 2.1 ft

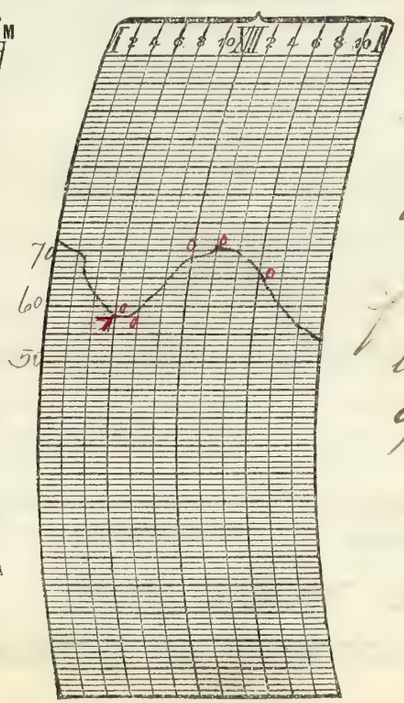
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light rain began during the early night of the a.m. and ended at 5.50 a.m.

A moderate thunderstorm began and ended during the early morning.

Cloudy in the early part of the forenoon, generally partly cloudy during the greater part of the day, but clear after 3:00 p.m.

Somewhat cool, but generally pleasant weather.

Prepared by H.S.H.
Verified by P.M.G.

8—436

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September, 191

Time (local standard), 90" mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	52	52	52	52	52	54	55	57	59	59	57
State of weather: Nature of precipitation and time of beginning and ending											R.B. 10:50	
Amounts of precipitation											T	.05
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5:13 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	SE	E	E	E	E	E	E	NE
Wind movement	5	6	7	7	6	8	7	9	11	9	8	10

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	56	57	57	57	55	56	56	56	56	56
State of weather: Nature of precipitation and time of beginning and ending											R.E. D.N.	
Amounts of precipitation	.12	.04	.02	T	.01	T	T	T	T	.02	T	
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6:04 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	E	E	E	E	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	12	12	10	9	9	15	14	15	10	10	10

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
60	52	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.

Total precipitation, midnight to midnight, .26 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 230

Average hourly velocity, 9.6

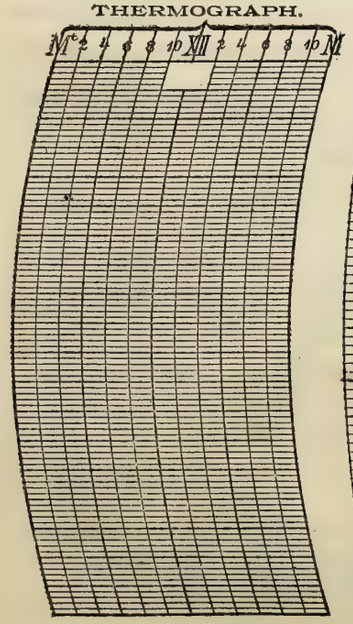
Maximum velocity,	Direction,	Time.
20	N.E	Began 8:13 P.M.
Extreme velocity, 22	N.E	8:16 P.M.

Relative humidity, 7 a. m., 83; 12 p. m., 88; 7 p. m., 95

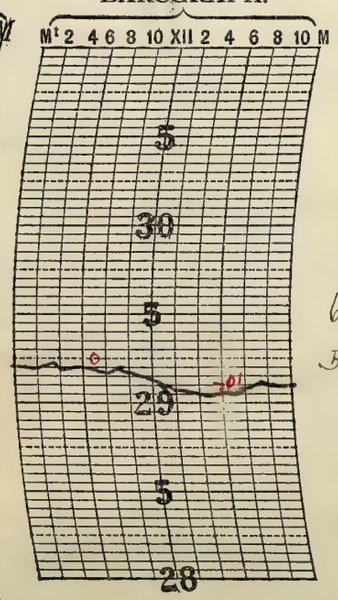
Reduced barometer, 30.10 a. m., 29.97 p. m.

River gage, 2.25

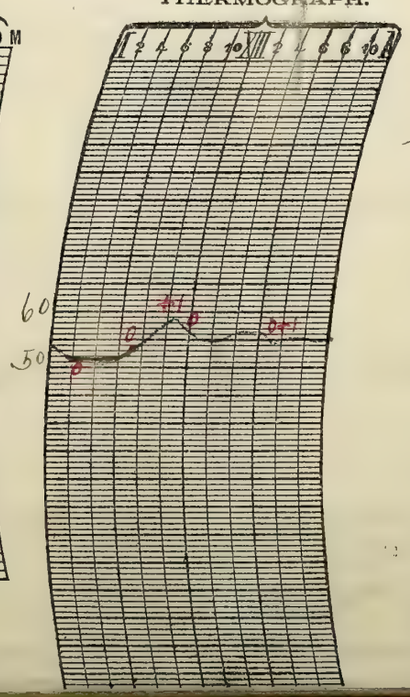
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Unseasonably cool, with light rain continued from 10:5 am until about midnight of the pm.

Prepared by W. S. B.
Verified by P. Mezo.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	53	53	53	54	57	60	62	64	66	67	69	69	69	68	67	64	63	61	59	57	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←	Cloudy		→				←	Pt. Cloudy							→	←	Clear		→	
Sunrise: Time, 5:14; Character, Cloudy																					Sunset: Time, 6:03; Character, Cloudy			
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	E	NE	NE	E	E	E	E	NE	NE
Wind movement	8	9	9	12	11	9	10	11	9	11	12	10	8	9	8	6	6	4	6	6	7	6	4	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	53		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, Last Quarter 1:05 AM

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 8.5

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 66

Prevailing direction, NE

Total movement, 194

Average hourly velocity, 8.1

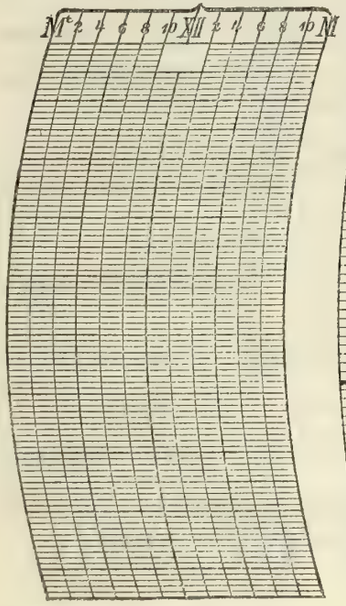
Maximum velocity,	Direction,	Time.
15	NE	Began 2:50 am
Extreme velocity, 17	NE	2:53 am

Relative humidity, 7 a. m., 91; 12 p. m., 62; 7 p. m., 76

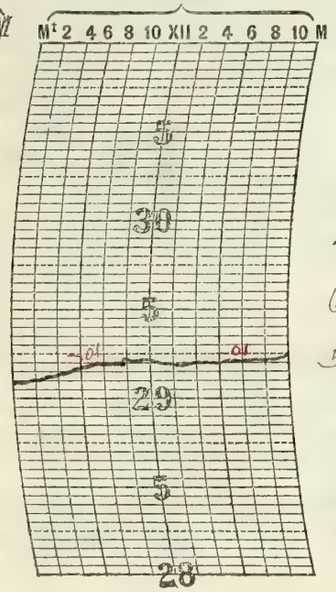
Reduced barometer, 30.10 a. m., 30.10 p. m.

River gage, 2.2 ft.

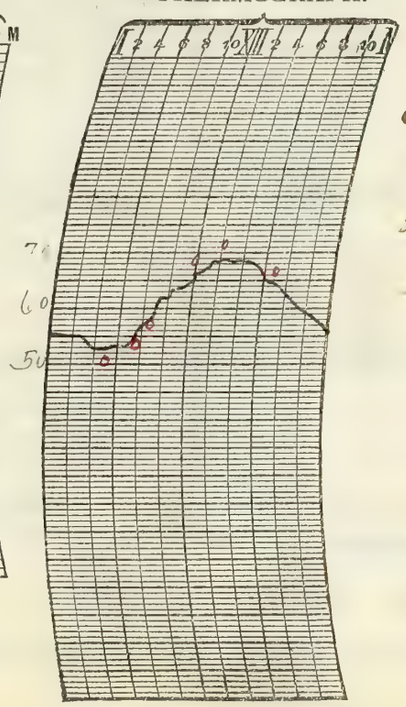
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Early part forenoon generally cloudy, and late forenoon and afternoon partly cloudy, the being clear. Cool, but pleasant weather.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	53	51	51	55	60	66	68	71	[illegible]	70	71	70	68	68	65	[illegible]	60	58	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←				Clear							→	Pt. Cldy		Cloudy		→				
Sunshine (in tenths of hours)						0.75 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	NE	NE	N	N	N	N	O	N	NW	[illegible]	[illegible]	[illegible]	N	N	NW	N	N	N	N	N	N	NE	NE	NE
Wind movement	3	2	2	1	4	2	0	2	3	6	6	8	9	10	8	12	9	8	12	8	8	13	14	13
Maximum velocities (exceeding ---- miles) direction and time																								

Sunrise: Time, 5:15; Character, Clear

Sunset: Time, 6:01; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
71	51	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., ---- inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ---- inches.

Character of day, Clear Moon phase, ----

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.4

Possible sunshine, hours, 12.8

Percentage of possible sunshine, 81

Prevailing direction, ----

Total movement, 163

Average hourly velocity, 6.8

Maximum velocity, 22 Direction, NE Time. Began 10:17 PM

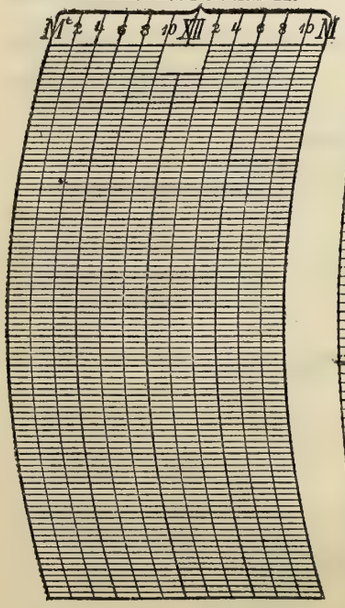
Extreme velocity, 22 NE 10:17 PM

Relative humidity, 7 a. m., 87; 12 p. m., 60; 7 p. m., 77

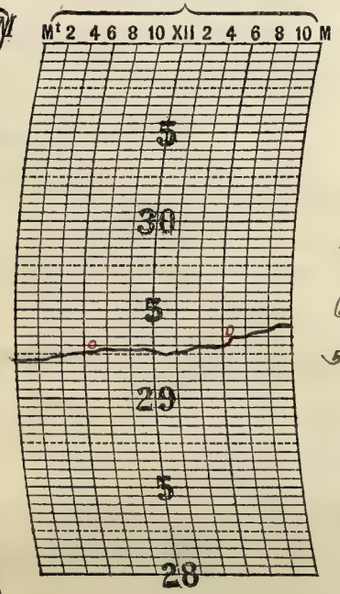
Reduced barometer, 30.19 a. m., 30.23 p. m.

River gage, 2.2 ft.

THERMOGRAPH.



BAROGRAPH.



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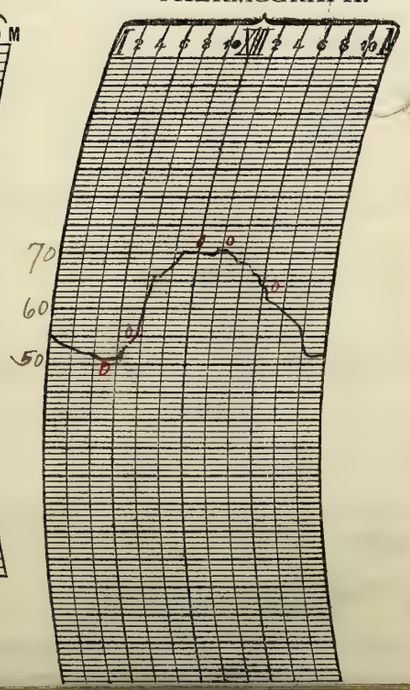


NOTES.

Generally clear and cool weather.
Heavy dew in the a.m.

Prepared by [illegible]
Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	47	44	43	42	42	42	44	46	48	50	53	53	53	54	55	54	53	51	49	47	46	45	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		8		Cloudy									Clear											
Sunshine (in tenths of hours)						0	0	0.6					1.0	1.0	1.0	1.0	1.0	0.58 0.4						
Wind direction	NE	N	N	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	NE	NE	NE
Wind movement	12	13	11	11	12	11	10	3	12	10	11	3	11	11	8	10	8	5	4	4	7	5	5	3

Sunrise: Time, 5:16; Character, Cloudy

Sunset: Time, 5:59; Character, Clear

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 10.6

Possible sunshine, hours,

Percentage of possible sunshine, 83

Prevailing direction, NE

Total movement, 210

Average hourly velocity, 8.8

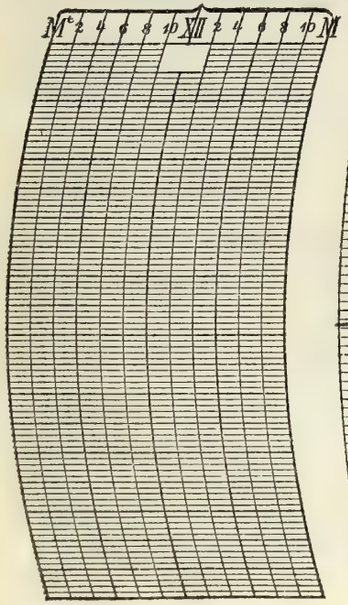
Maximum velocity,	Direction,	Time.
12	NE	Began 12:56 A.M.
Extreme velocity, 18	NE	12:59 A.M.

Relative humidity, 7 a. m., 73; 12 p. m., 49; 7 p. m., 57

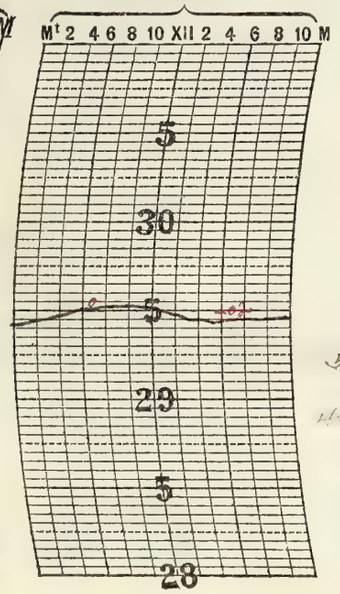
Reduced barometer, [illegible] a. m., 30.37 p. m.

River gage,

THERMOGRAPH.



BAROGRAPH.



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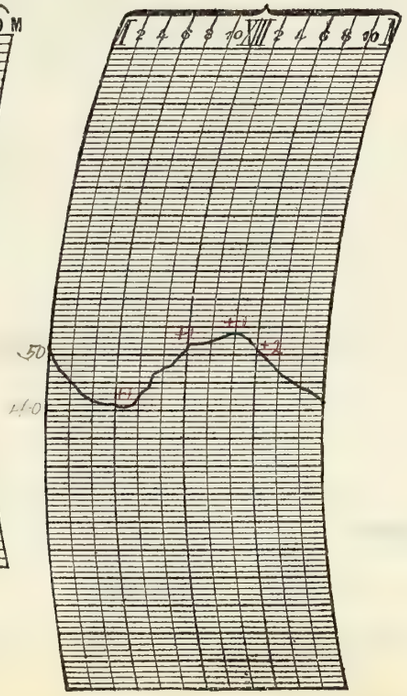


NOTES.

Generally clear and cool—frost warning included in the city forecast. The information was distributed by means of the forecast cards, maps, telephone, and press

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September, 191

Time (local standard), 75th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	39	39	42	50	54	55	56	59	60	62	63	63	62	61	59	55	53	52		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			?	←						Clear											→		?	
Sunshine (in tenths of hours)						0.72 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.55 0.4						
Wind direction	N	N	N	N	N	N	N	N	W	W	W	NW	W	NW	NW	NW	NW	NW	W	SW	SW	W	0	0
Wind movement	3	4	3	3	1	1	1	3	5	6	5	6	6	5	7	7	6	5	3	3	5	3	0	0
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 5:17; Character, Clear

Sunset: Time, 5:59; Character, Clear

Maximum.	Minimum.	Mean.	Normal.
63	39	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2.0

Actual sunshine, hours, 12.7

Possible sunshine, hours, 12.7

Percentage of possible sunshine, 100

Prevailing direction, N

Total movement, 91

Average hourly velocity, 3

Maximum velocity,	Direction,	Time.
9	NW	Began 3:18 P.M.
Extreme velocity, 9	NW	3:18 P.M.

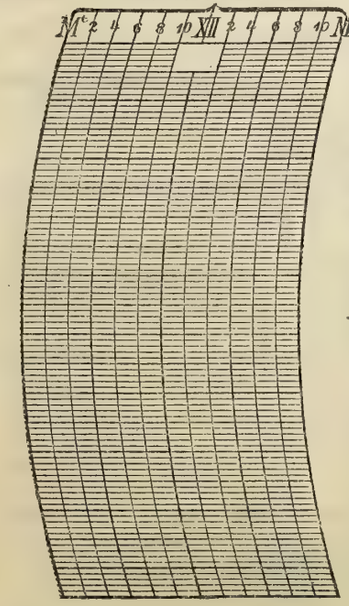
Relative humidity, 7 a. m., 88; 2 p. m., 36; 9 p. m., 55

Reduced barometer, 30.41 a. m., 30.26 p. m.

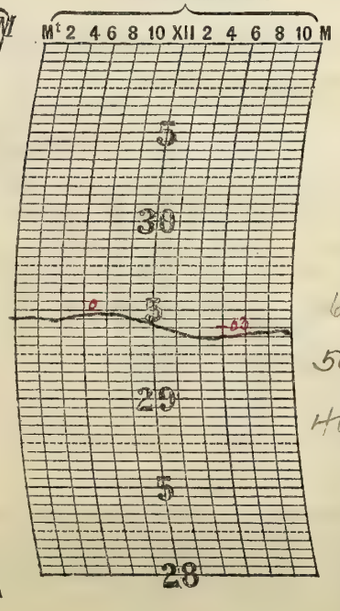
River gage, 2.2 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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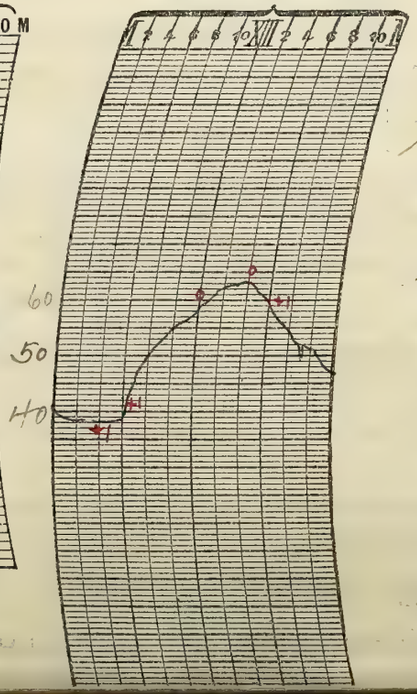


NOTES.

Light frost occurred in the city, first of season, with a temperature of 38.8°. Some damage to lowland crops.

A warning of light frost was included with the a. m. forecast. The information was distributed by means of the forecast cards, maps, and press.

Clear, cool day.

Prepared by WSB.

Verified by P. W. SD.

Form No. 1014—Met. I.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 12, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	45	44	44	43	47	58	63	65	66	68	70	71	71	71	69	66	65	63	61	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			X	—	—	—	—	—	Clear	—	—	—	—	—	—	X	PC	Cloudy	—	—	7				
Sunrise: Time, Character,	5:19 Clear																				Sunset: Time, 5:56 Character, Cloudy			
Sunshine (in tenths of hours)						0.6 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		0						
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	S	SW	S	SW	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	1	1	3	2	2	3	4	4	6	7	8	8	8	10	10	10	7	6	8	6	4	5	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Maximum.	Minimum.	Mean.	Normal.
77	43	65	

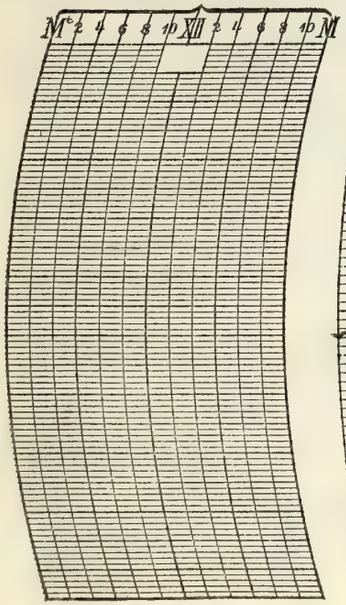
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0–10), 2
Actual sunshine, hours, 11.1
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 88
Prevailing direction, S
Total movement, 138
Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
12	SW	Began 1:17 PM
Extreme velocity, 12	SW	1:17 PM

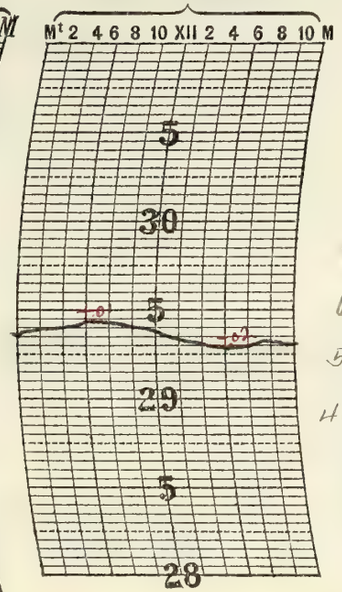
Relative humidity, 7 a. m., 76; 12 p. m., 28; 7 p. m., 41
Reduced barometer, 30.36 a. m. 30.21 p. m.
River gage, 2.2 ft

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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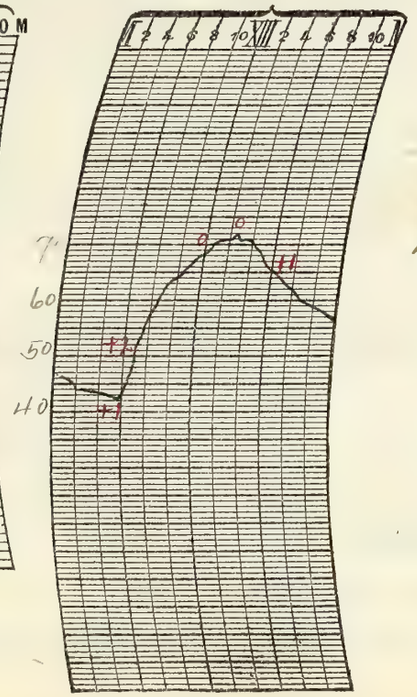


NOTES.

Light frost in the a. m. Cool pleasant day. Some cirro-stratus clouds in the afternoon.

Prepared by NSP
Verified by A. McP.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 3, 191

Time (local standard), 75th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	53	51	49	49	55	60	58	71	72	74	76	77	[illegible]	77	75	72	70	68	67	66	65	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←							Clear													→
Sunrise: Time, Character,	5:20 Clear																				Sunset: Time, Character,			5:54 Cloudy
Sunshine (in tenths of hours)						0.67 0	0.4 0.6	0.9	1.0	[illegible]	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4						
Wind direction	S	S	S	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	S
Wind movement	6	6	3	3	3	2	4	8	7	8	12	[illegible]	11	10	12	12	10	6	8	7	7	6	7	8
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	78	48	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 2

Actual sunshine, hours, 12.0

Possible sunshine, hours, 12.6

Percentage of possible sunshine, 95

Prevailing direction, S

Total movement, 178

Average hourly velocity, 7.4

Maximum velocity, 14 Direction, S Time. Began 3.37 P.M.

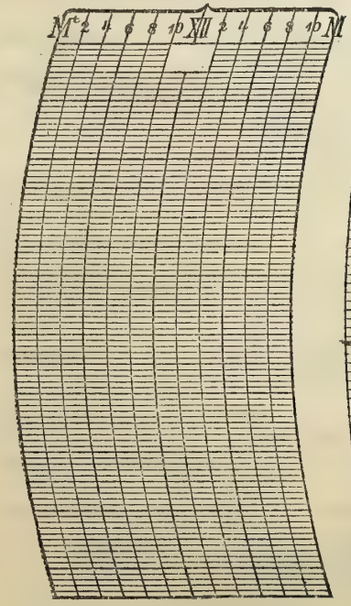
Extreme velocity, 15 S 3.37 P.M.

Relative humidity, 7 a. m., 59; 12 p. m., 34; 7 p. m., 40

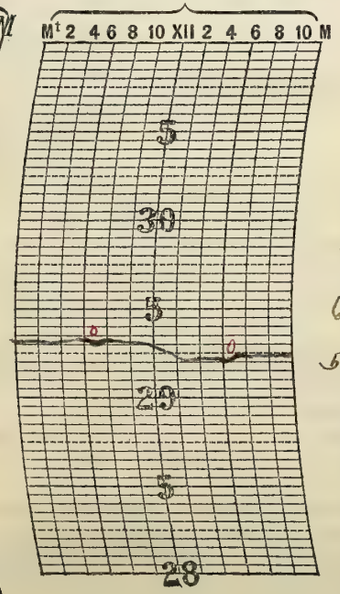
Reduced barometer, 30.23 a. m. 30.12 p. m.

River gage,

THERMOGRAPH.



BAROGRAPH.



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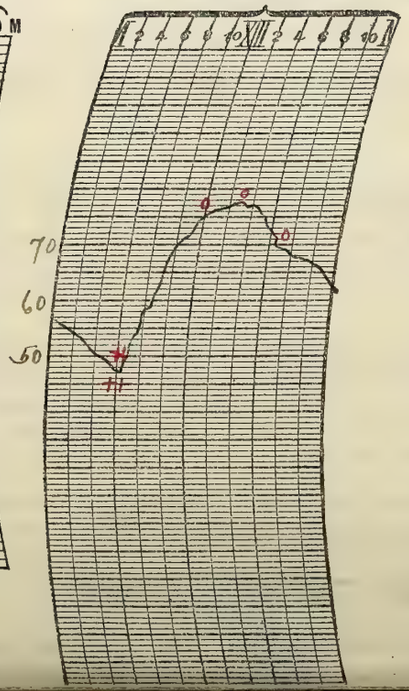


NOTES.

Generally clear with pleasant temperature. Sun observed by cloud bank in evening.

Prepared by WSB.
Verified by PMB.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 11, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	56	66	57	61	70	74	75	73	79	81	82	83	82	81	78	76	73	68	63	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→			
Sunshine (in tenths of hours)						0.65 0	0.1 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.47 0.4						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	NE	NE
Wind movement	6	2	4	3	3	4	3	2	5	4	5	9	8	8	7	8	5	3	3	4	2	2	3	4
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 5:21; Character, Clear

Sunset: Time, 5:52; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	83	56	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 12.5

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 100

Prevailing direction, S

Total movement, 107

Average hourly velocity, 4.5

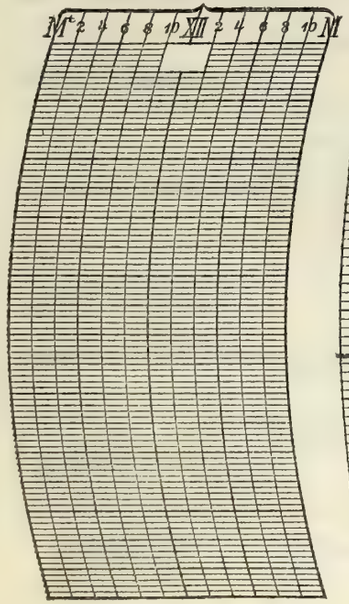
	Maximum velocity,	Direction,	Time.
Extreme velocity,	11	S	Began 3:20 P.M. / 3:20 P.M.

Relative humidity, 7 a. m., 70; 12 p. m., 34; 7 p. m., 35

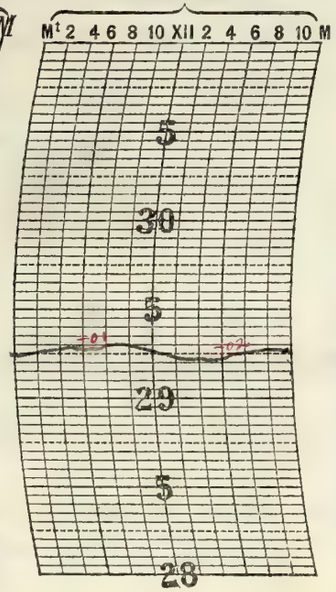
Reduced barometer, 30.20 a. m. / 30.12 p. m.

River gage, 2.1 ft.

THERMOGRAPH.



BAROGRAPH.



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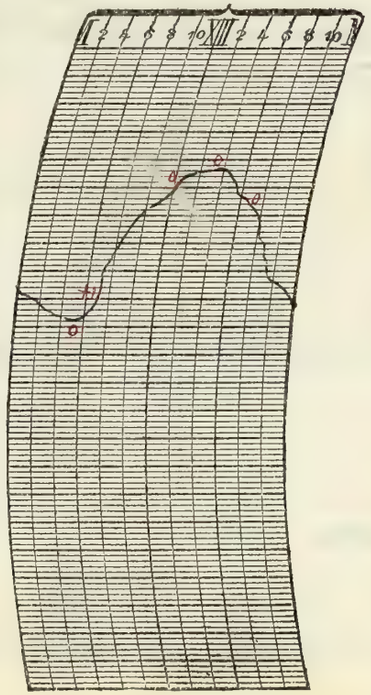


NOTES.

Clear, pleasant weather.

Prepared by W.H.B.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September, 191

Time (local standard), 90th mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	56	56	54	53	55	[illegible]	69	75	80	83	82	83	83	82	80	75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
Sunshine (in tenths of hours)						0.65 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.85 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	5	4	5	4	5	[illegible]	5	5	6	7	8	9	9	7	7	8	5	7	8	8	8	9
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 521 Character, Clear

Sunset: Time, 551 Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

____1____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
[illegible]	[illegible]	[illegible]	

Total depth of snow for 24 hours ending ____7____ p. m., ____0____ inches.

Snow on ground ____7____ p. m., ____0____ inches.

Total snowfall, midnight to midnight, ____0____ inches.

Precipitation to ____7____ a. m., ____0____ ins.; to ____7____ p. m., ____0____ ins.

Total precipitation, midnight to midnight, ____0____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 12.5

Possible sunshine, hours, 12.5

Percentage of possible sunshine, 100

Prevailing direction, NE

Total movement, 149

Average hourly velocity, 6.2

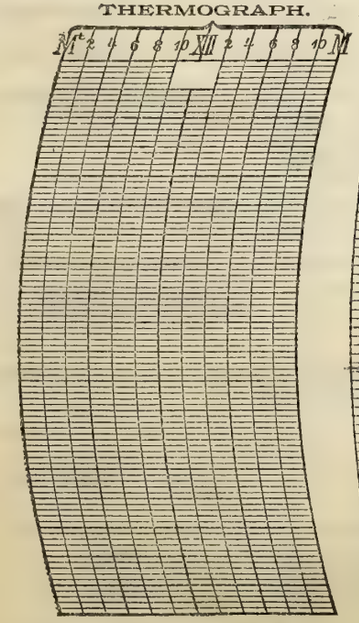
Maximum velocity,	Direction,	Time.
11	NE	Began 2:50 P.M.
Extreme velocity, 11	NE	2:50 P.M.

Relative humidity, 7 a. m., 81; 12 m., 35; 7 p. m., 59

Reduced barometer, 30.23 a. m., 30.20 p. m.

River gage, 2.1 ft.

THERMOGRAPH.



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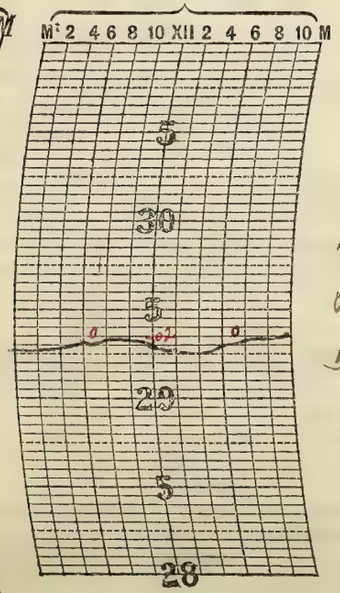

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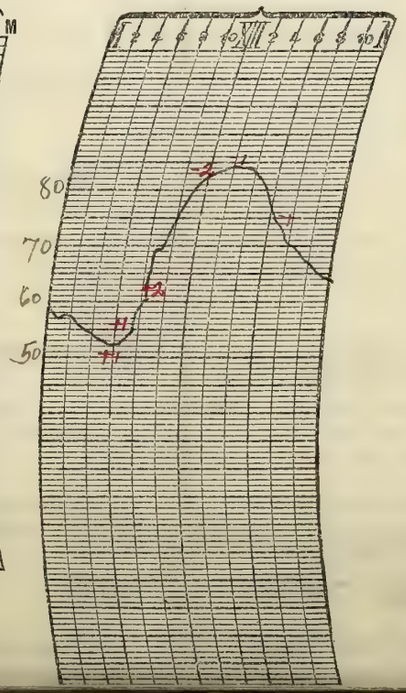


NOTES.

Clear, pleasant day.

Prepared by HSB

Verified by RMS

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 11, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	60	59	55	57	58	58	63	70	72	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Dense fog											
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	8	8	8	9	9	11	10	12	12	13	16	15
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	74	74	73	70	66	65	62	57	55	55	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.2						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	15	16	16	13	13	12	11	9	7	7	6
Maximum velocities (exceeding 25 miles) direction and time												

Sunrise: Time, 5:22; Character, Foggy

Sunset: Time, 5:49; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
Temperature	75	55		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, New Moon 4:28 AM

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 8.6

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 71

Prevailing direction, NE

Total movement, 271

Average hourly velocity, 11.3

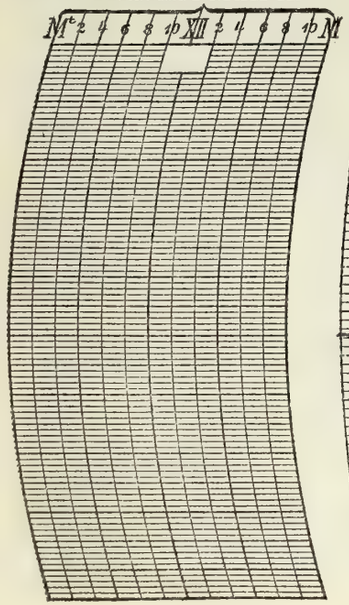
Maximum velocity,	Direction,	Time.
21	NE	Began 10:42 am.
Extreme velocity, 23	E	10:45 am.

Relative humidity, 7 a. m., 97; 12 p. m., 43; 7 p. m., 62

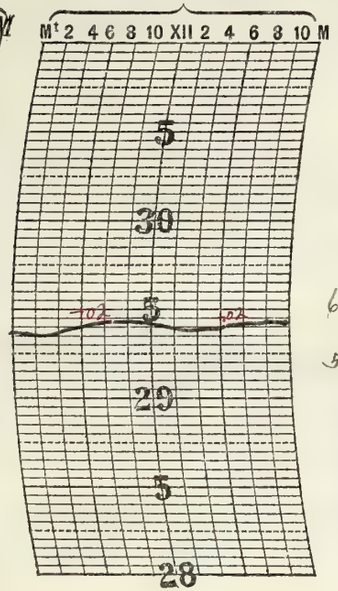
Reduced barometer, 30.31 a. m., 30.30 p. m.

River gage, 2.1 ft.

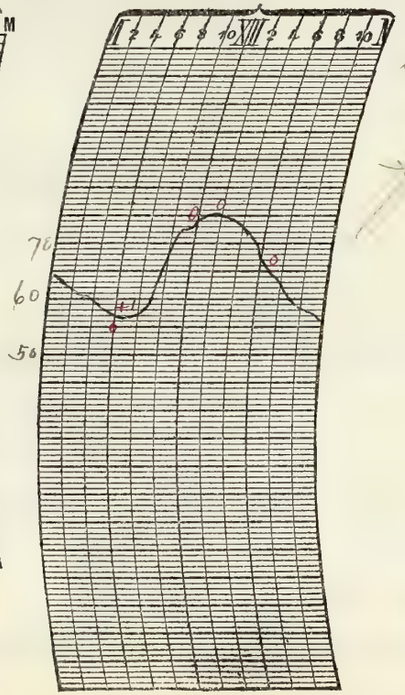
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Dense fog began D. N. am. and ended 8:17 am.

Day generally clear and fine.

Prepared by WSB

Verified by P.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) September, 191

Time (local standard) 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	56	54	54	52	53	55	60	61	66	71	72	72	72	72	77	77	70	71	71	62	61	56	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					2 — Clear												2 Pt Cloudy							
Sunshine (in tenths of hours)						0.62 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE	E	NE	NE	NE	NE	NE	NE	E	E	E	NE
Wind movement	4	6	7	7	6	6	6	7	6	5	7	9	8	7	8	8	7	6	5	5	6	4	4	2
Maximum velocities (exceeding 20 miles) direction and time																								

Sunrise: Time, 5:23; Character, Clear

Sunset: Time, 5:47; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 11.2

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 90

Prevailing direction, NE

Total movement, 149

Average hourly velocity, 6.2

Maximum velocity, 13 Direction, NE Time. Began 2:44 P.M.

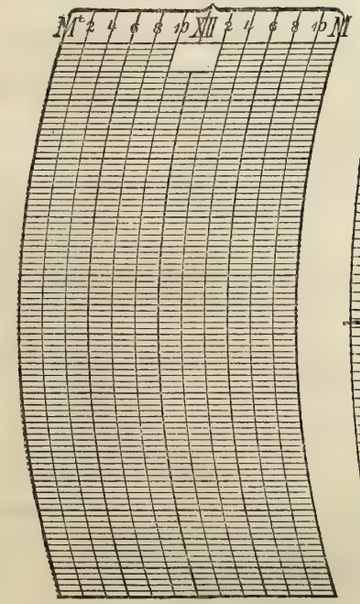
Extreme velocity, 13 NE 2:44 P.M.

Relative humidity, 7 a. m., 93; 12 p. m., 42; 7 p. m., 50

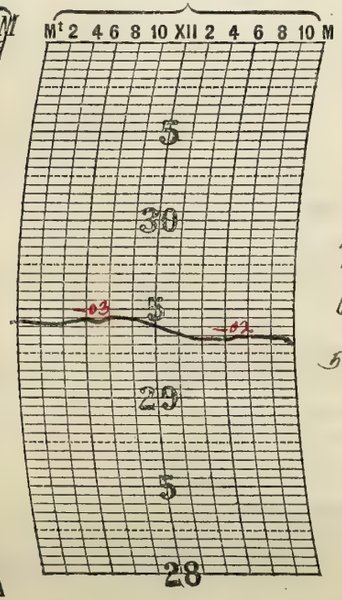
Reduced barometer, 30.33 a. m., 30.23 p. m.

River gage, 2.0 ft.

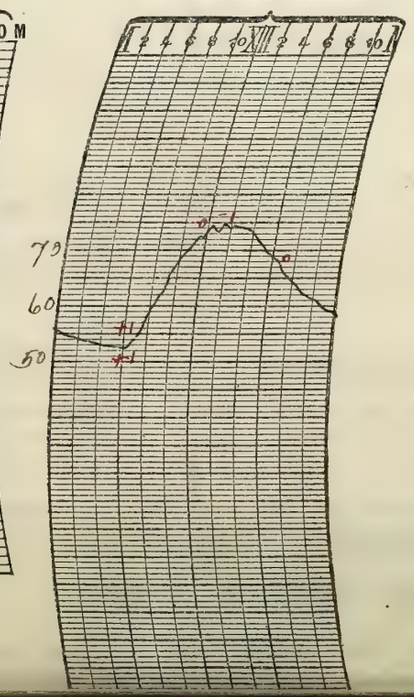
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Heavy dew in the morning. Generally clear and pleasant weather.

Prepared by NSB

Verified by S.P.W.D.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 18, 1917

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	52	55	51	51	54	56	63	68	71	72	72	74	77	74	75	73	71	71	65	64	62	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.60 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	1.0 0	0.7 0.7						
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	SE	E	NE	NE	0	NE	NE	SE	0
Wind movement	1	3	4	2	1	3	2	2	4	4	4	5	5	4	4	3	3	2	1	0	1	1	1	0
Maximum velocities (exceeding ___ miles) direction and time																								

Clear

Sunrise: Time, 5:24; Character, Clear

Sunset: Time, 5:46; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
77	52		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ___ inches.

Character of day, Clear Moon phase, ___

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 12.4

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 100

Prevailing direction, NE

Total movement, 60

Average hourly velocity, 2.5

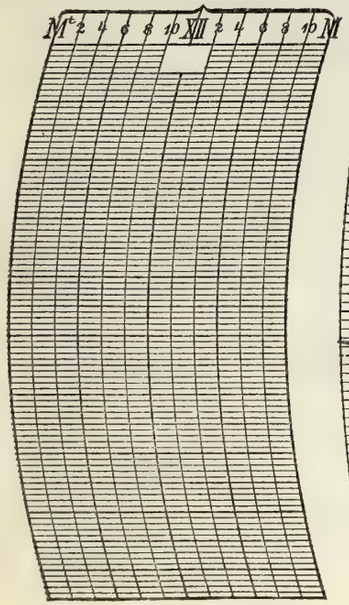
Maximum velocity,	Direction,	Time.
6	NE	Began 11:31 am
Extreme velocity, 6	NE	11:31 am

Relative humidity, 7 a. m., 85; 12 p. m., 42; 7 p. m., 47

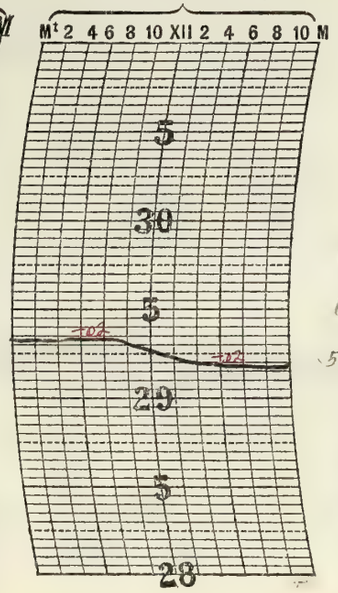
Reduced barometer, 30.23 a. m. 30.08 p. m.

River gage, 20 ft.

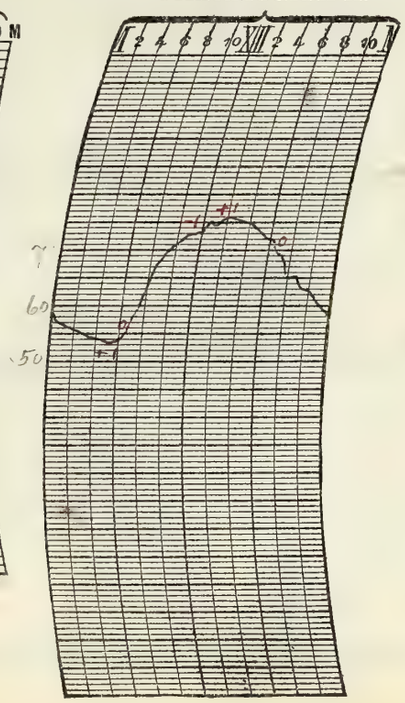
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light rain in the night. Clear and pleasant weather.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—McI'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September 19, 1917

Time (local standard), 75th mer. — hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	54	55	53	52	53	56	64	71	73	77	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 5:26 Character, Clear												
Sunshine (in tenths of hours)						* 5.7	* 1.0	* 1.0	* 1.0	* 1.0	* 1.0	* 1.0
Wind direction	SE	SE	SE	0	0	SE	0	S	S	SW	SW	SW
Wind movement	2	1	2	0	0	1	0	2	3	3	5	6
Maximum velocities (exceeding 5 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	80	80	79	75	72	70	67	66	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, 5:44 Character, Clear												
Sunshine (in tenths of hours)	* 1.0	* 1.0	1.0	1.0	1.0	0.53 0.2						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	5	5	7	6	5	5	5	3	4	4	5	3
Maximum velocities (exceeding 5 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

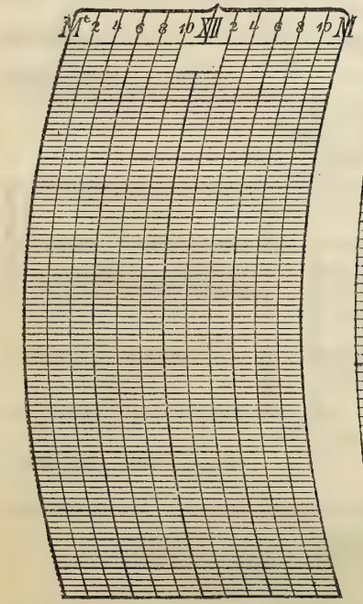
	Maximum.	Minimum.	Mean.	Normal.
	81	53		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.3
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 100
Prevailing direction, S
Total movement, 85
Average hourly velocity, 3.4

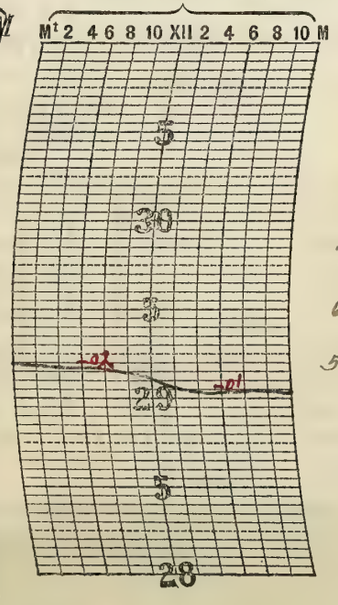
	Maximum velocity,	Direction,	Time.
Extreme velocity,	9	S	Began 2:26 P.M.
	9	S	2:26 P.M.

Relative humidity, 7 a. m., 76; 12 p. m., 37; p. m., 4
Reduced barometer, 30.06 a. m., 29.94 p. m.
River gage, 2.0 ft.

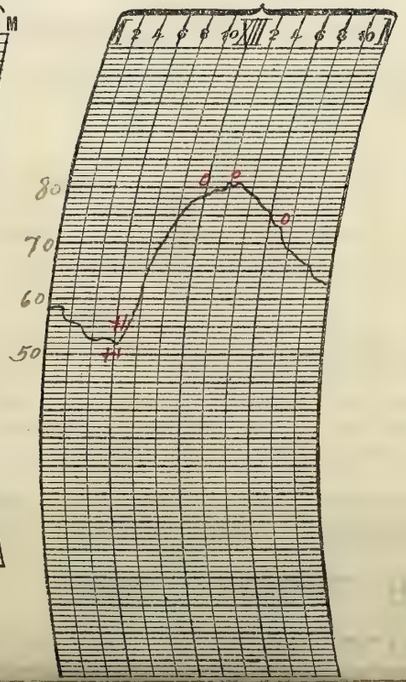
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* From eye observation

Clear pleasant day.

Prepared by NSB.
Verified by PMCD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	61	61	60	60	60	61	62	63	64	64	63
State of weather: Nature of precipitation and time of beginning and ending											R.B. 10:35	R.E. 11:50
Amounts of precipitation											.02	.09
Cloudiness and other conditions			Pt. Cloudy					Cloudy				
Sunrise: Time, 5:27 Character, Cloudy												
Sunshine (in tenths of hours)						0	0.5	1.0	1.0	1.0	0.1	0
Wind direction	S	S	S	S	S	S	SE	S	S	S	W	W
Wind movement	4	4	5	4	5	5	2	4	6	5	7	4
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	65	67	69	69	68	66	64	64	64	64	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Clear		Partly Cloudy			Cloudy					
Sunset: Time, 5:42 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	NE	S	NE	NE	N	NE	E	E	SW	N	NE	NE
Wind movement	4	3	4	3	3	3	4	1	5	3	6	3
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
77	64		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 8.3

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 68

Prevailing direction, S

Total movement, 97

Average hourly velocity, 4.0

Maximum velocity,	Direction,	Time.
11	SW	Began 10:53 am

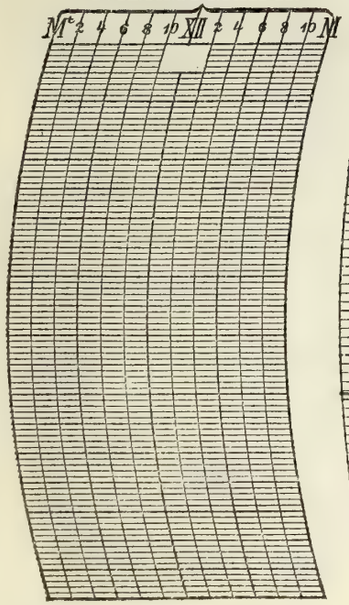
Extreme velocity, 11 SW 10:53 am

Relative humidity, 7 a. m., 69; 12 p. m., 90; 7 p. m., 82

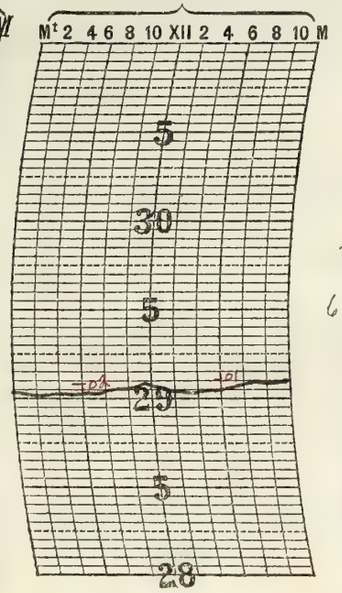
Reduced barometer, 29.93 a. m. 29.91 p. m.

River gage, 2.0 ft.

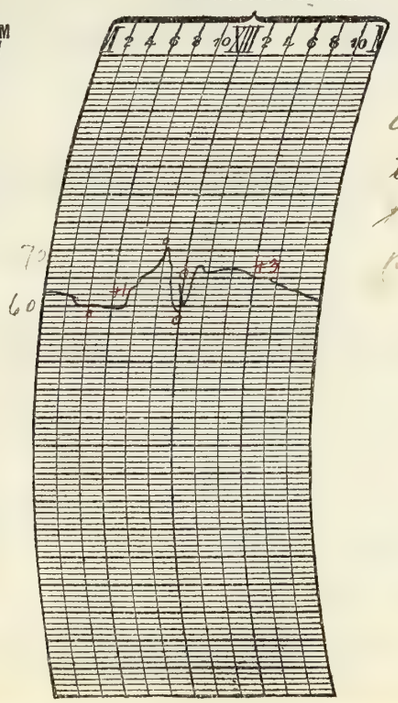
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy weather, with a moderate thunderstorm from 10:32 am till 11:50 am, and light rain from 10:35 am to 11:50 am. Moderate temperatures prevailed.

Prepared by WSB.
Verified by C. M. L.

3—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 8, 191

Time (local standard) 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	53	61	61	60	57	55	53	56	62	57		65	61	67	67	69	71	64	60	59	56		55
State of weather: Nature of precipitation and time of beginning and ending					R.B. D.N.			RE 7.15																
Amounts of precipitation					T	T	T	T																
Cloudiness and other conditions			L	—	Cloudy								L	Pt Cldy	L			Clear				L		

Sunrise: Time, 5.27; Character, Cloudy

Sunset: Time, 5.41; Character, Clear

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Sunshine (in tenths of hours)						0	0	0	0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	0.28 0.44						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	N	N	NE	N	N
Wind movement	9	10	12	12	12	11	10	10	8	9	10	9	7	7	6	8	7	3	1	5	7	5	4	4
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, ___ inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase, ___

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 6.7

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 55

Prevailing direction, NE

Total movement, 186

Average hourly velocity, 7.8

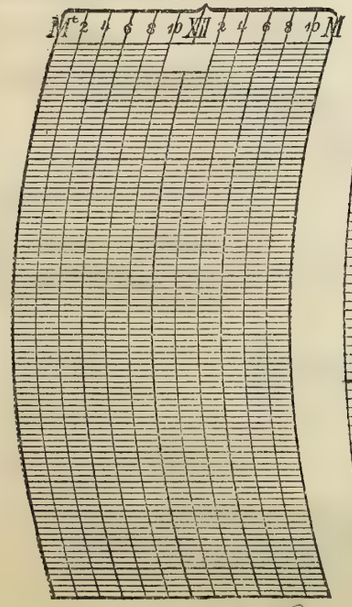
Maximum velocity,	Direction,	Time.
13	NE	Began 4:12 a.m.
Extreme velocity, 15	NE	4:12 a.m.

Relative humidity, 7 a. m., 77; 12 p. m., 77; 7 p. m., 58

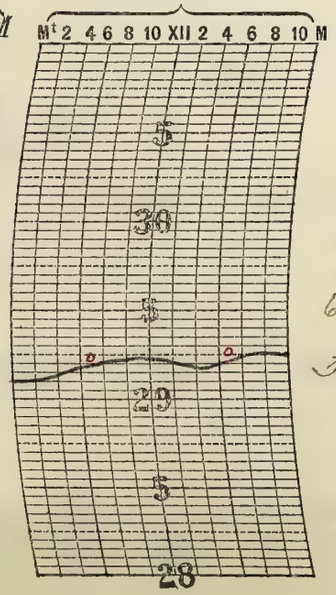
Reduced barometer, 30.11 a. m., 30.14 p. m.

River gage, ___

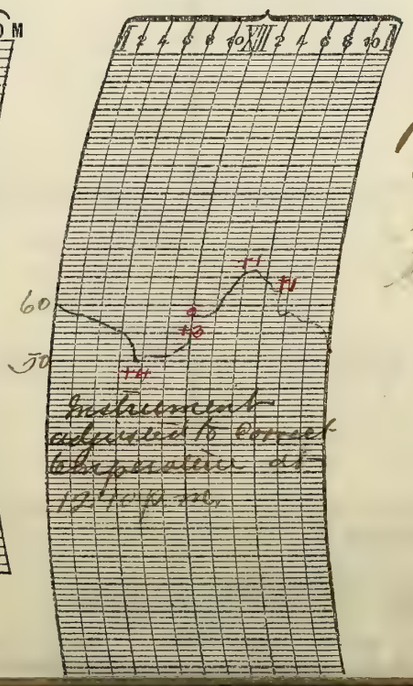
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon Cloudy, afternoon pt. Cloudy to Clear, and night Clear. Light sprinkling rain in the early morning. Moderate temperature.

Prepared by W. S.

Verified by R. H. A.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 22, 1917

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	54	53	51	49	48	51	55	59	62	63	63	65	66	66	66	64	60	57	55	53	52	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunrise: Time, 5:28; Character, Clear																					Sunset: Time, 5:39; Character, Clear			
Sunshine (in tenths of hours)						0.53 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.35 0.3						
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	NE
Wind movement	5	6	7	7	7	5	6	9	10	8	8	8	8	10	9	9	9	8	8	8	8	9	5	6
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ 1 ____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, 2

Average daily cloudiness (0–10),

Actual sunshine, hours, 12.2

Possible sunshine, hours, 12.2

Percentage of possible sunshine, 100

Prevailing direction, NE

Total movement, 180

Average hourly velocity, 7.5

Maximum velocity, 13 Direction, NE Time. Began 1:47 P.M.

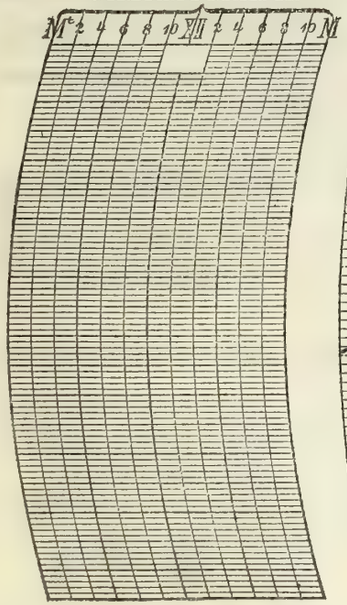
Extreme velocity, 14 NE 1:47 P.M.

Relative humidity, 7 a. m., 88; 12 p. m., 60; 7 p. m., 63

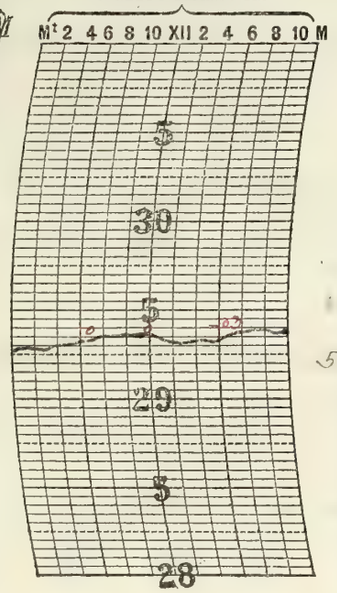
Reduced barometer, 30.28 a. m. 30.27 p. m.

River gage, 2.0 ft.

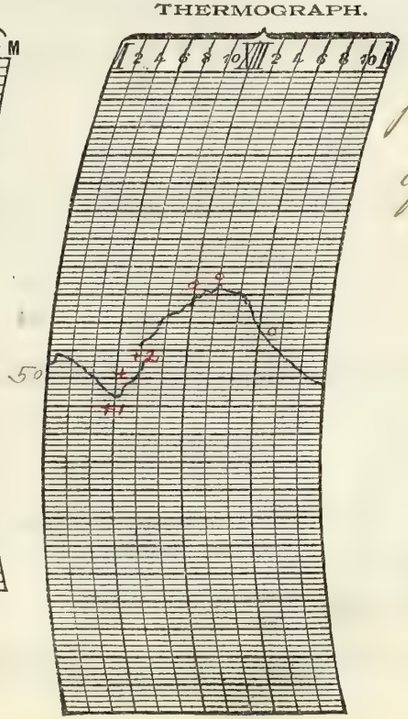
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear, cool, but pleasant.
There was a light deposit of dew in the early morning.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 23, 1917

Time (local standard) ____ mer. ____ hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	48	47	46	45	44	46	49	54	58	62	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, Character	5.29 Clear											
Sunshine (in tenths of hours)						0.52	0.1 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE
Wind movement	6	6	6	5	6	5	5	6	6	4	7	7
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	70	70	71	70	68	64	61	59	58	56	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character									5.37 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.62 0						
Wind direction	NE	E	E	E	NE	NE	NE	NE	E	E	E	E
Wind movement	7	5	5	5	4	6	6	7	7	5	4	5
Maximum velocities (exceeding 24 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	71	44	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 6 ins.

Total precipitation, midnight to midnight, 6 inches.

Character of day, Clear Moon phase First quarter 11:41 pm

Average daily cloudiness (0–10), 0

Actual sunshine, hours, 12.1

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 100

Prevailing direction, NE

Total movement, 135

Average hourly velocity, 5.6

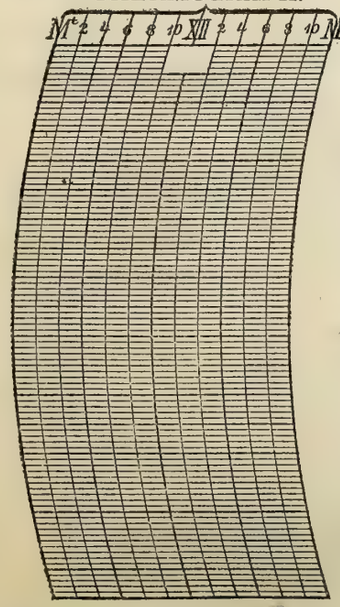
	Maximum velocity,	Direction,	Time.
	10	NE	Began 10:46 am
Extreme velocity,	10	NE	10:46 am

Relative humidity, 7 a. m., 89; 12 p. m., 46; 7 p. m., 65

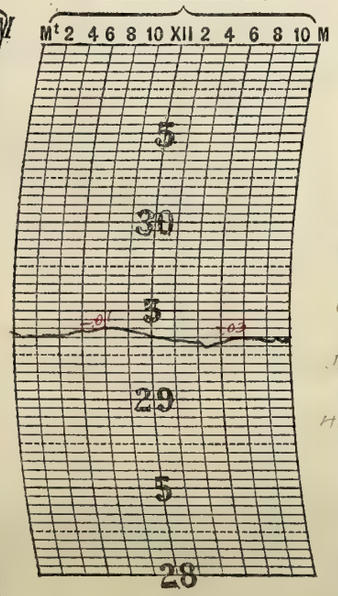
Reduced barometer, 30.32 a. m., 30.25 p. m.

River gage, 2.1 ft.

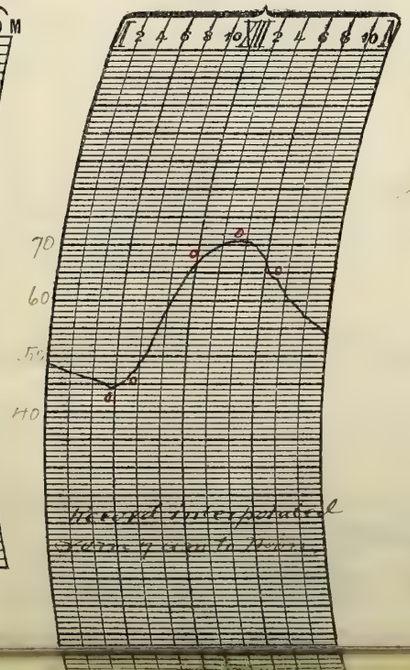
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was a light deposit of dew in the early morning.

Clear skies with moderate temperature

Autumnal Equinox at 9.01 am.

Prepared by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Monday~~, (Date) September 27, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	51	50	49	51	59	67	72	74	74	75	76	76	76	74	71	67	65	62	61	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt. Cloudy								Clear									→		
Sunrise: Time, 5.30 Character, Cloudy																					Sunset: Time, 5.36 Character, Clear			
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.1						
Wind direction	E	E	E	E	E	E	E	E	S	SW	S	SE	E	E	E	NE	E	E	E	E	E	SE	E	E
Wind movement	4	3	4	2	4	3	3	2	1	3	3	4	4	4	5	6	5	4	7	7	7	4	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
76	49	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.0

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 91

Prevailing direction, E

Total movement, 100

Average hourly velocity, 4.2

Maximum velocity, 8 Direction, E Time. Began 7:09 PM

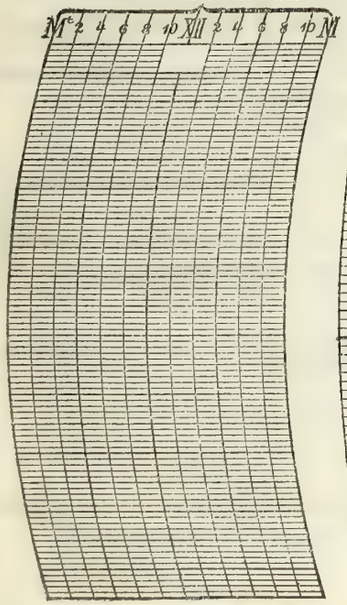
Extreme velocity, 8 E 7:09 PM

Relative humidity, 7 a. m., 90; 2 p. m., 44; 7 p. m., 58

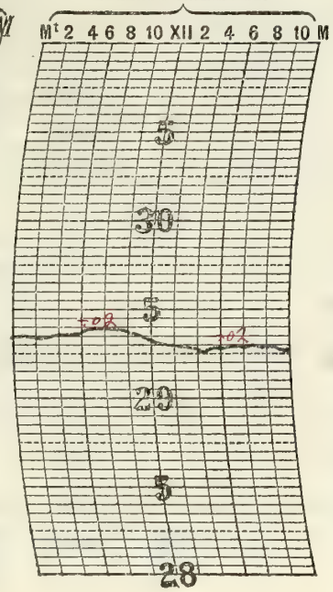
Reduced barometer, 30.31 a. m. 30.20 p. m.

River gage, 2.1 ft.

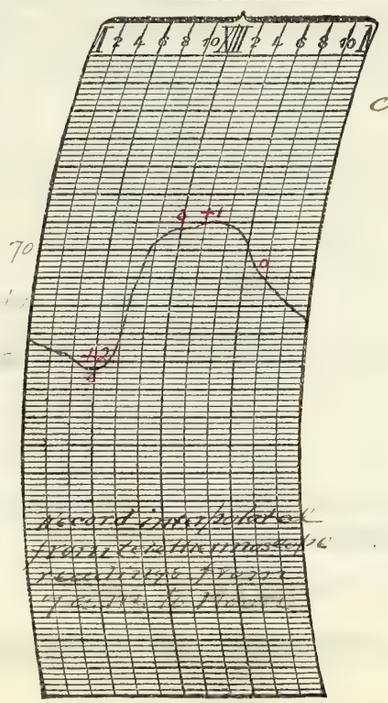
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was a heavy deposit of dew in the early morning

A very pleasant day.

Prepared by MSG

Verified by P.M.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) September 25, 1917

Time (local standard), 75th mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	54	52	51	50	50	51	56	67	71	75	76	78	78	78	77	76	72	[illegible]	64	63	62	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)						0.48 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.27 0						
Wind direction	E	E	E	E	E	E	E	E	E	SW	NW	S	S	SE	[illegible]	S	S	S	SE	SE	S	S	S	S
Wind movement	4	2	1	2	1	3	3	1	1	2	2	5	5	4	5	4	5	3	4	2	3	3	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:31; Character, Clear

Sunset: Time, 5:34; Character, Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
77	50	64	

Total depth of snow for 24 hours ending _____ p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0–10), _____

Actual sunshine, hours, 12.0

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 100

Prevailing direction, E

Total movement, 73

Average hourly velocity, 3.0

Maximum velocity, 6 Direction, SW Time. Began 12:42 P.M.

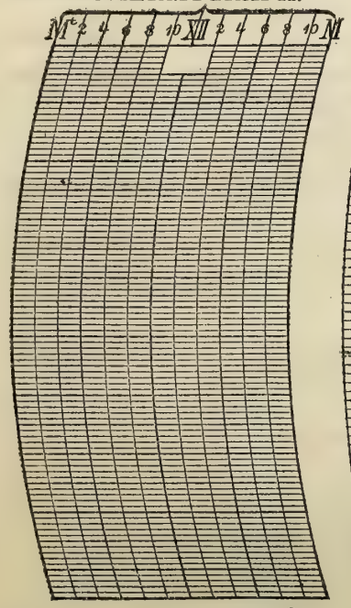
Extreme velocity, 6 SW 12:43 P.M.

Relative humidity, _____ a. m., 89; _____ p. m., 32; _____ p. m., 25

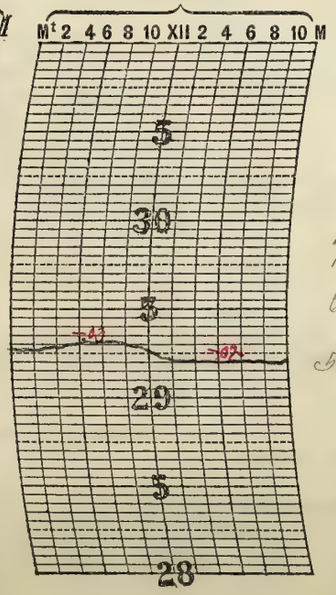
Reduced barometer, 30.21 a. m. 30.10 p. m.

River gage, 2.0 ft

THERMOGRAPH.



BAROGRAPH.



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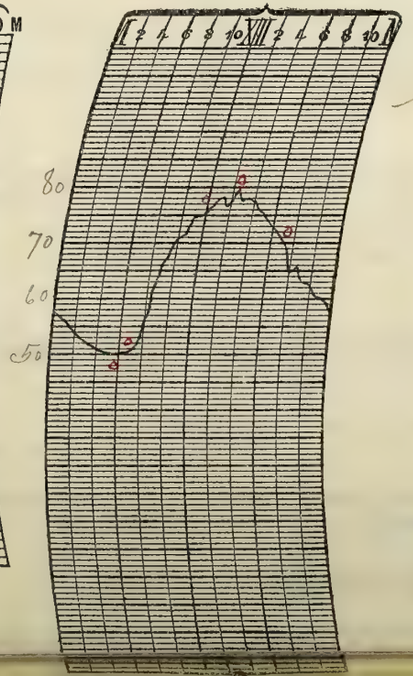


NOTES.

Clear and pleasant weather.

Prepared by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) September, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	56	54	53	52	52	54	62	69	73	76	75	80	80	80	79	77	75	73	70	68	67	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear																
Sunshine (in tenths of hours)						0.4	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0						
Wind direction	SW	S	S	S	S	S	S	S	S	S	S	SW	S	SW	S	S	S	S	S	S	S	S	S	S
Wind movement	4	2	1	1	2	4	5	7	8	11	11	9	9	8	8	8	6	5	7	7	8	11	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:32; Character, Clear

Sunset: Time, 5:32; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	80	52	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 11.3

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 91

Prevailing direction, S

Total movement, 160

Average hourly velocity, 6.7

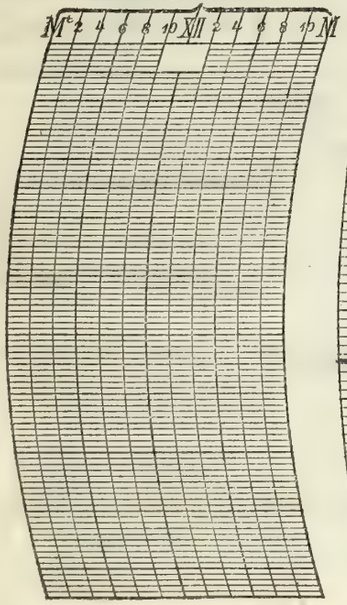
	Maximum velocity,	Direction,	Time.
	12	S	Began 9:12 a.m.
Extreme velocity,	12	S	9:12 a.m.

Relative humidity, 7 a. m., 72; 12 p. m., 34; 7 p. m., 49

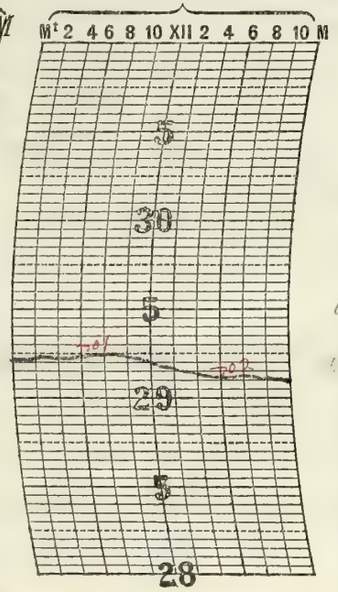
Reduced barometer, 30.15 a. m., 30.03 p. m.

River gage, 2.0 ft.

THERMOGRAPH.



BAROGRAPH.



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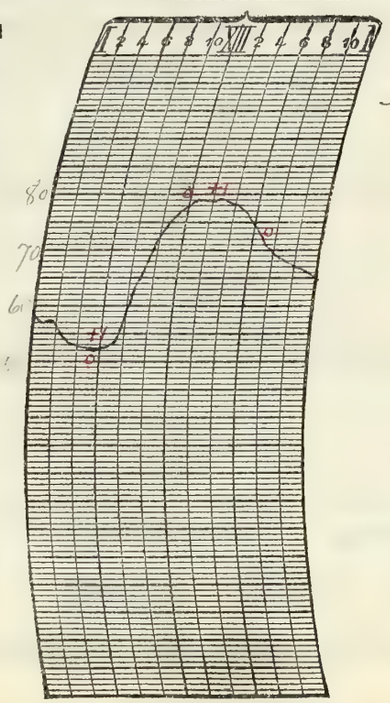


NOTES.

Warm pleasant day. Clear in the forenoon, but increasing cloudiness in the afternoon, with day generally clear.

Prepared by WSA

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) September 29, 191 7

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	64	64	63	62		65	68	69	70		67	64	59	58	57	57		54	53	51	50	48
State of weather: Nature of precipitation and time of beginning and ending													RB 1200 RE 1205	RB 102		RE 345								
Amounts of precipitation													T	.05	.02	T								
Cloudiness and other conditions						Cloudy																		
Sunrise: Time, 5.33 Character, Cloudy																					Sunset: Time, 5.30 Character, Cloudy			
Sunshine (in tenths of hours)						0	0.2	0.6	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0						
Wind direction	S	S	S	SW	SW	S	SW	S	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	W	SW
Wind movement	7	7	10	5	7	6	7	7	10	12	12	12	10	11	11	12	7			1	7	5	3	4
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

7 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	48	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .07 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 5.4

Possible sunshine, hours,

Percentage of possible sunshine,

Prevailing direction, SW

Total movement, 215

Average hourly velocity, 9.0

Maximum velocity, 14 Direction, NW Time. Began 4:33 P.M.

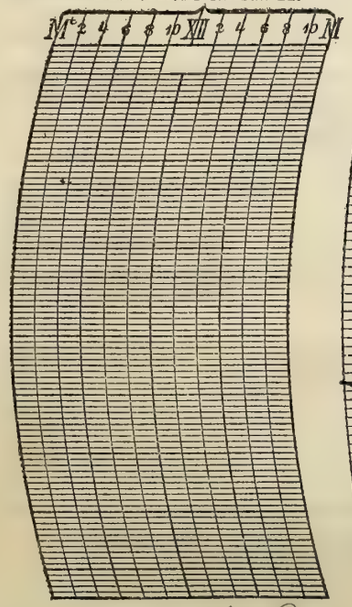
Extreme velocity, 16 NW 4:33 P.M.

Relative humidity, 7 a. m., 81; 12 m., 64; 7 p. m., 82

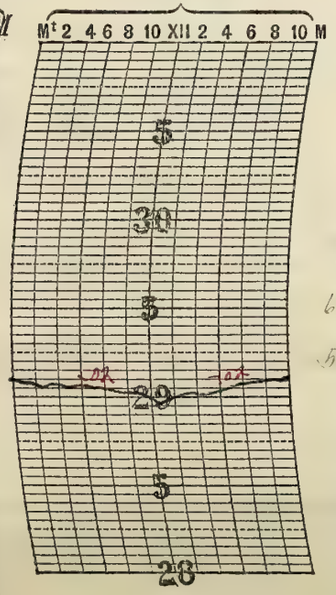
Reduced barometer, 29.95 a. m., 29.96 p. m.

River gage,

THERMOGRAPH.



BAROGRAPH.



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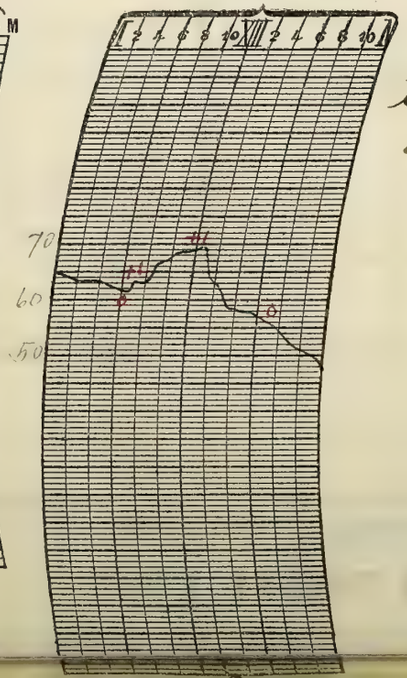


NOTES.

Generally cloudy with falling temperature from noon. Light rain during the early part of the afternoon

Prepared by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) September 28, 191

Time (local standard) 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	45	44	43	43	45	49	56	60	63	66	67	68	68	69	68	64	61	59	58	56	56	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.42 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.38 0.1						
Wind direction	SW	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	4	1	5	1	6	7	7	9	10	12	11	14	13	17	15	11	7	3	8	10	10	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Clear

Sunrise: Time, 555 Character, Clear

Sunset: Time, 529 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
69	43	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.9

Possible sunshine, hours, 11.9

Percentage of possible sunshine, 100

Prevailing direction, S

Total movement, 3[illegible]

Average hourly velocity, 7.2

Maximum velocity, 19 Direction, S Time. Began 2:16 P.M.

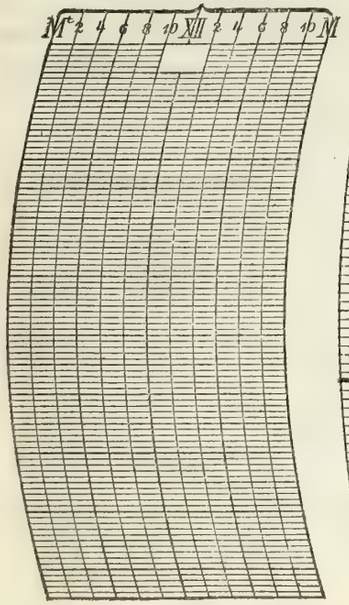
Extreme velocity, 22 S 2:19 P.M.

Relative humidity, ____ a. m., 92; ____ p. m., 44; ____ p. m., 56

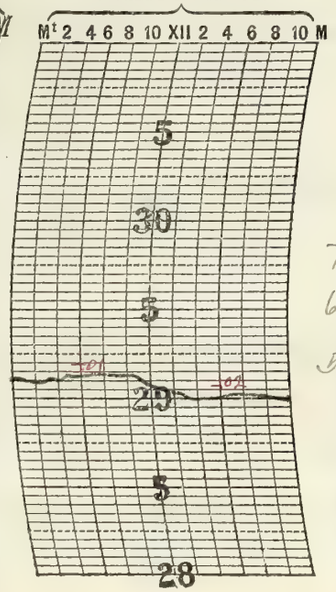
Reduced barometer, 30.06 a. m. 29.93 p. m.

River gage, 2.0 ft.

THERMOGRAPH.



BAROGRAPH.



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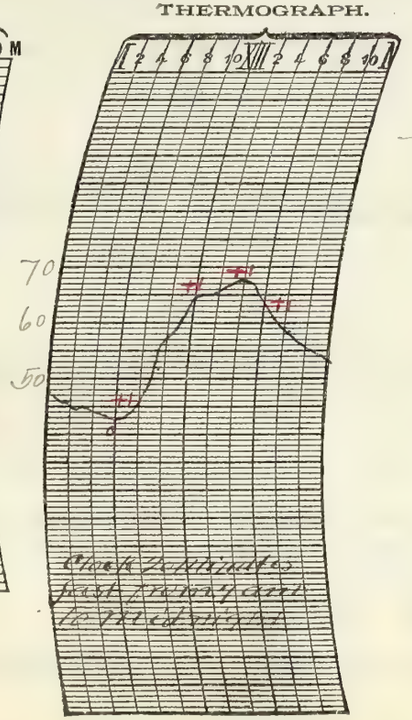


NOTES.

A cool, pleasant day, with moderate temperatures. Heavy dew in the early morning.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) September 29, 191

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	50	49	48	48	48	49	55	67	70	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunrise: Time, Character,	536 Clear											
Sunshine (in tenths of hours)						0.40 0	0.2 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	9	8	7	5	7	7	7	12	15	17
Maximum velocities (exceeding 7 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	60	60	62	61	55	58	55	53	51	49	48
State of weather: Nature of precipitation and time of beginning and ending			PB 233	PE 325								
Amounts of precipitation			T	T								
Cloudiness and other conditions			Pt. cldy	Cloudy	Cloudy		Clear					
Sunset: Time, Character,									527 Cloudy			
Sunshine (in tenths of hours)	1.0	0.4	0.2	0	0.6	0						
Wind direction	SW	SW	W	NW	W	W	NW	NW	NW	NW	W	W
Wind movement	17	16	18	9	9	13	14	13	8	8	8	9
Maximum velocities (exceeding 7 miles) direction and time			33 NW 2:39									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	74	47	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 8.5

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 74

Prevailing direction, SW

Total movement, 253

Average hourly velocity,

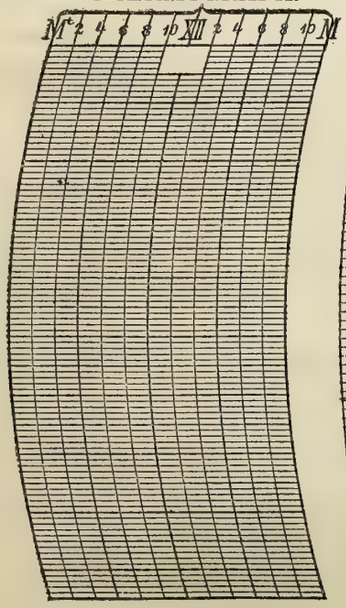
Maximum velocity,	Direction,	Time.
33	NW	Began 2:39 P.M.
Extreme velocity, 37	NW	2:41 P.M.

Relative humidity, 7 a. m., 85; 12 p. m., 73; 7 p. m., 57

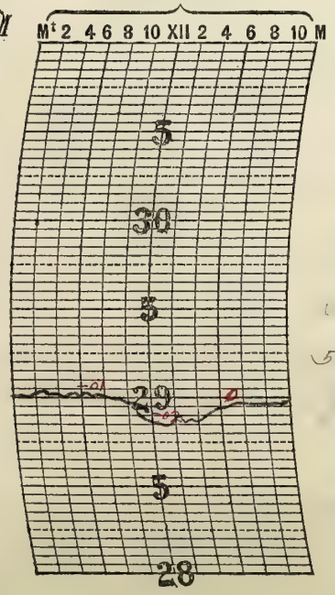
Reduced barometer, 29.94 a. m., 29.87 p. m.

River gage, 2.0 ft

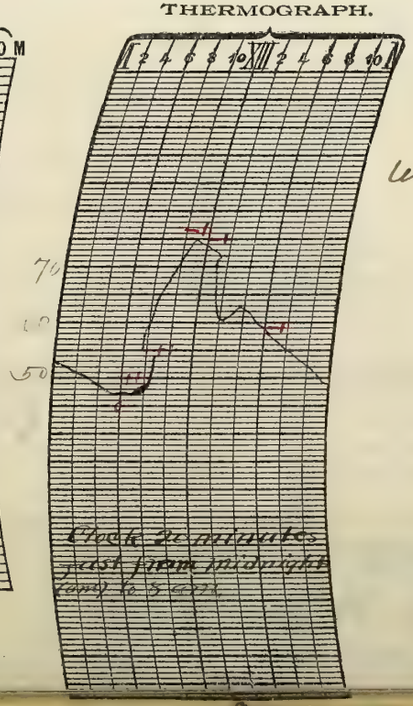
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Forenoon clear and pleasant; afternoon unsettled, with a light shower, and cool.

Prepared by NSR.

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) September 30, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	46	44	44	46	52	56	57	58	58	56	55	54	54	53	52	51	50	50	50	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.38 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.9	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	11	12	12	11	11	12	13	15	18	20	19	20	20	19	16	16	14	13	11	9	7	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Clear — Pt. Cloudy — Cloudy

Sunrise: Time, 5:37; Character, Clear

Sunset: Time, 5:25; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
58	44	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, Last Quarter 2:31 P.M.

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 9.1

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 77

Prevailing direction, NW

Total movement, 322

Average hourly velocity, 13.5

Maximum velocity, 27 Direction, NW Began 2:40 P.M.

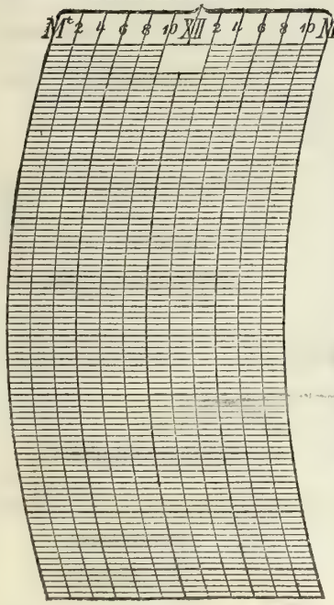
Extreme velocity, 28 NW 4:42 P.M.

Relative humidity, 7 a. m., 77; 12 p. m., 42; p. m., 69

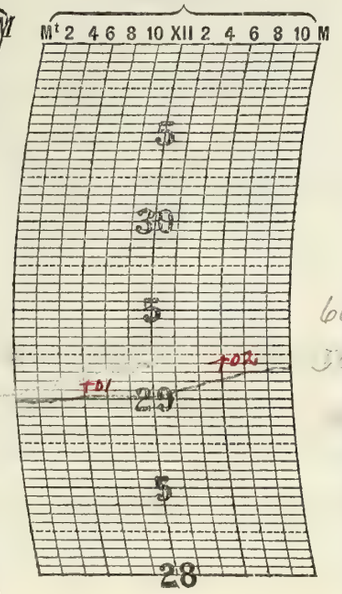
Reduced barometer, 29.95 a. m., 30.07 p. m.

River gage, 2.0 ft.

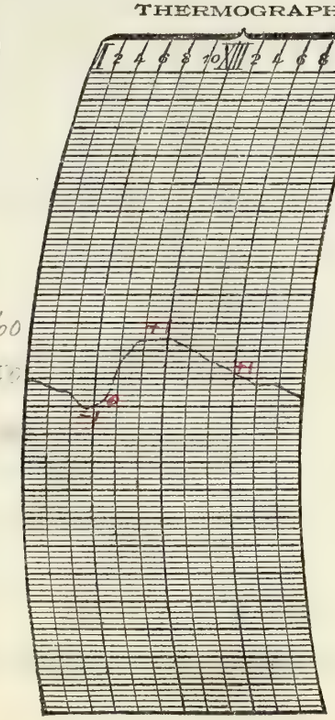
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Warning of possibly light frost received at 9:55 a.m. The information was distributed by phone.

Cool and generally partly cloudy, windy and unpleasant

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) October 1, 1917

Time (local standard) 75th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	45	44	43	42	42	44	48	50	54	56	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cloudy											
Sunrise: Time, 7.28; Character, Clear												
Sunshine (in tenths of hours)						0.37 0	0.1 0.6	0.2	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	N	N	NW	W	NW	NW	NW	NW	NW
Wind movement	8	7	6	7	3	5	4	4	7	7	9	6
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	60	61	61	61	58	57	54	53	52	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→ Clear →											
Sunrise: Time, ; Character,									Sunset: Time, 5.23; Character, Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.28 0.1						
Wind direction	NW	NW	N	N	N	N	NE	NE	S	S	S	SE
Wind movement	10	8	6	6	3	1	1	2	1	3	3	6
Maximum velocities (exceeding miles) direction and time												

Maximum.	Minimum.	Mean.	Normal.
62	42	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours,

Possible sunshine, hours, 11.5

Percentage of possible sunshine,

Prevailing direction, NW

Total movement,

Average hourly velocity,

Maximum velocity, 12 Direction, NW Time. Began 12:31 PM

Extreme velocity, 12 NW 12:31 PM

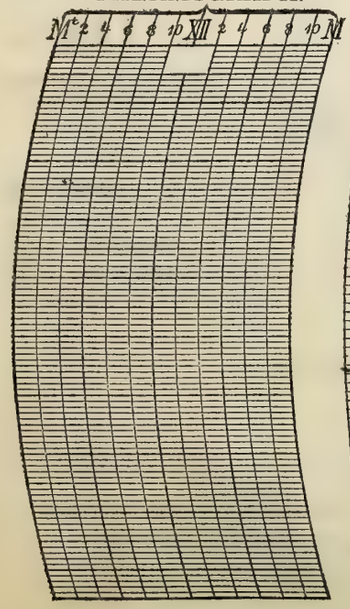
Relative humidity, 7 a. m., 88; 12 m., 52; 7 p. m.,

Reduced barometer, 30.24 a. m. p. m.

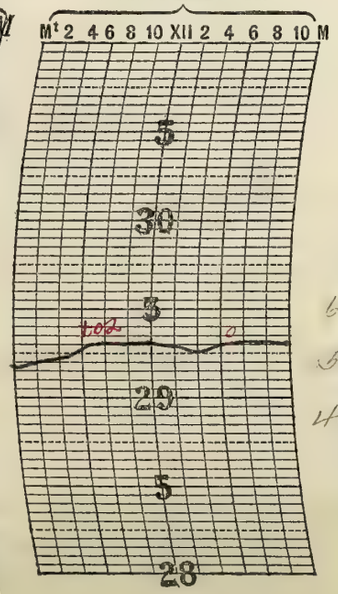
River gage, 1.9 ft

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

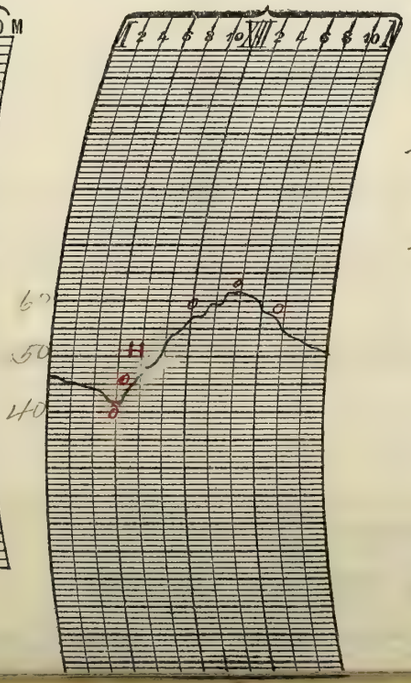
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Light dew in the a. m.

Partly cloudy during the greater part of the day, but clear in the late afternoon and night. Moderate temperatures, but cool in the early morning.

Prepared by N.S.B.

Verified by P. M. C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) October 2, 1917

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	45	45	44	44	47	54	55	56	60	60	61	61	62	62	60	58	59	59	59	58	58	57
State of weather: Nature of precipitation and time of beginning and ending										RB. 9:55	RE 10:15 RB. 10:50 RE 10:54			RB 1:52	RE 2:06	RB 3:46	–	–	RE 6:25					
Amounts of precipitation										T	T			T	T	T	T	.01	.01					
Cloudiness and other conditions	← Cloudy →																							
Sunrise: Time, 5:39 Character, Cloudy													Sunset: Time, 5:22 Character, Cloudy											
Sunshine (in tenths of hours)						0	0.6	0.5	0.9	0.7	1.0	0.4	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	SW	SW	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	S
Wind movement	5	7	8	7	9	7	7			13	14	12	11	10	7	5	8	8	3	4	8	9	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	44	53	

Total depth of snow for 24 hours ending 0 p. m., 0 inches.

Snow on ground 7:00 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7:00 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 4.1

Possible sunshine, hours, 11.7

Percentage of possible sunshine, 35

Prevailing direction, S

Total movement, 204

Average hourly velocity, 8.5

Maximum velocity, 16 Direction, SW Time. Began 9:42 am

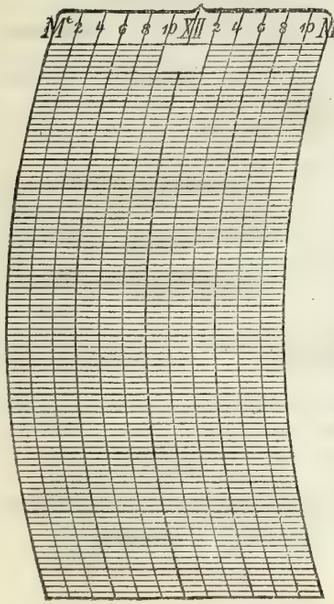
Extreme velocity, 18 SW 9:42 am

Relative humidity, 7 a. m., 62; 12 m., ; p. m., ; p. m., .

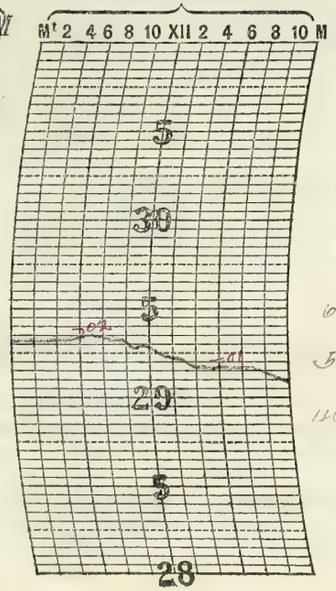
Reduced barometer, 30.26 a. m., 30.08 p. m.

River gage, 1.9 ft.

THERMOGRAPH.



BAROGRAPH.



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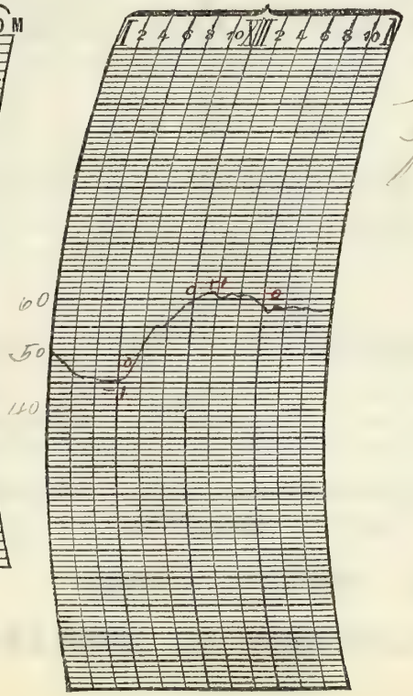


NOTES.

Moderate temperatures and generally cloudy, with light rain during the late forenoon and afternoon.

Prepared by

Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Keogh Mt, (Day of week) Wednesday, (Date) October 1917

Time (local standard), 6th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	57	57	59	59	59	59	66	65	61	61
State of weather: Nature of precipitation and time of beginning and ending				RW FW								RW
Amounts of precipitation				T								T
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5440; Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SE	SE	S	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	9	10	11	10	11	12	10	12	12	12	7	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	58	57	55	55	54	54	53	53	52
State of weather: Nature of precipitation and time of beginning and ending											RE RN	
Amounts of precipitation	.02	T	T	.01	.10	.33	.21	.02	.01	T	T	
Cloudiness and other conditions	Cloudy											
Sunset: Time, 5200; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SE	SE	NW	N	NE	NE	N	N	N	N	NW	NW
Wind movement	9	7	6	5	6	9	6	7	6	7	7	8

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	67	52	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .70 ins.; to 7 p. m., .60 ins.

Total precipitation, midnight to midnight, .70 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours,

Percentage of possible sunshine,

Prevailing direction, SW

Total movement, 206

Average hourly velocity, 8.6

Maximum velocity, 14 Direction, SW Time. Began 7:25 am

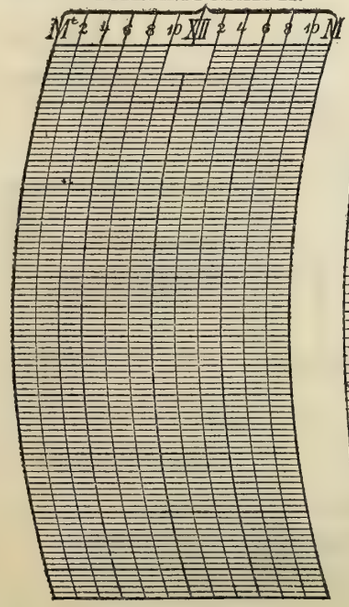
Extreme velocity, 14 SW 7:25 am

Relative humidity, 7 a. m., 52; 12 p. m., 76; 7 p. m., 77

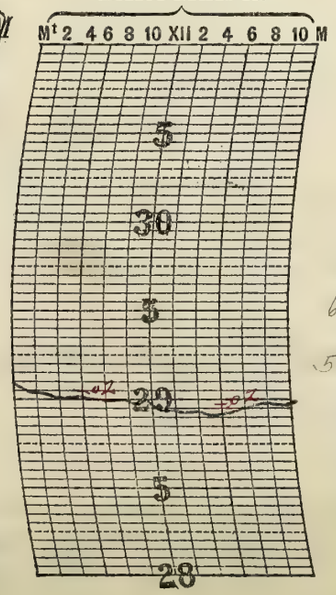
Reduced barometer, 29.90 a. m., 29.83 p. m.

River gage, 15 ft

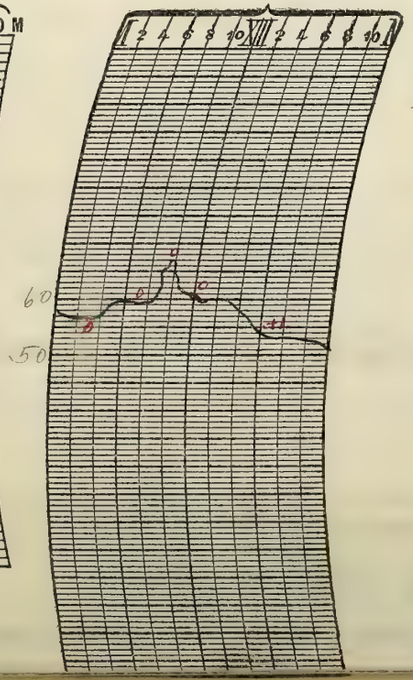
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with rain, moderate temperature, but unpleasant weather

Prepared by WSB

Verified by C. Mack

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Thursday, (Date) October 4, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	48	47	46	45	44	45	48	53	54	55	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt. Cloudy							
Sunrise: Time, 5:41 Character, Cloudy												
Sunshine (in tenths of hours)												
Wind direction	NW	NW	NW	W	W	W	W	W	SW	SW	SW	SW
Wind movement	6	6	4	4	4	3	4	4	6	11	14	14
Maximum velocities (exceeding — miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	61	64	64	64	62	62	61	60	58	56	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy						
Sunset: Time, 5:19 Character, Cloudy												
Sunshine (in tenths of hours)		0.5	0.2									
Wind direction	S	S	S		SW		W		W	W	NW	NW
Wind movement				12	13							
Maximum velocities (exceeding — miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

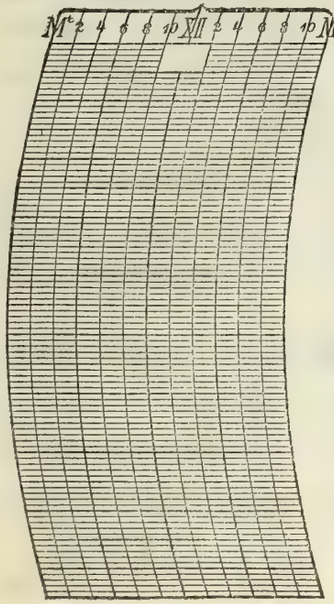
	Maximum.	Minimum.	Mean.	Normal.
	64	44	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 5.7
Possible sunshine, hours, 11.6
Percentage of possible sunshine, ____
Prevailing direction, W
Total movement, 224
Average hourly velocity, 9

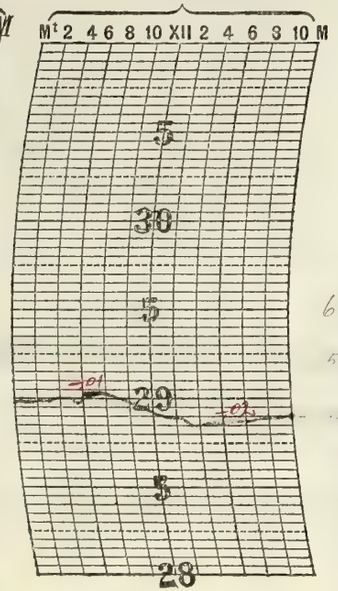
Maximum velocity,	Direction,	Time.
24	S	Began 3:17 PM
Extreme velocity, 26	SW	3:27 PM

Relative humidity, 7 a. m., 87; 12 p. m., 57; 7 p. m., 64
Reduced barometer, 29.94 a. m., 29.75 p. m.
River gage, 2.4 ft.

THERMOGRAPH.



BAROGRAPH.



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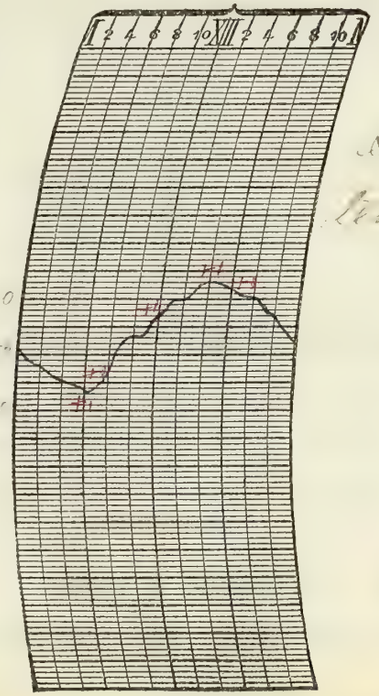


NOTES.

Precipitation.
Heavy dew deposit in the a. m.
Generally partly cloudy with moderate temperature.

Prepared by NSA
Verified by O. M. G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) October 5, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	47	46	45	44	44		47	51	50	50	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunrise: Time, 5:42; Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.4	0.5	0	0.6
Wind direction	NW		S	S	S	S	S	SW	S	W	W	W
Wind movement	6	7	8	7	8	8	8	9	7	15	15	12
Maximum velocities (exceeding 19 miles) direction and time												

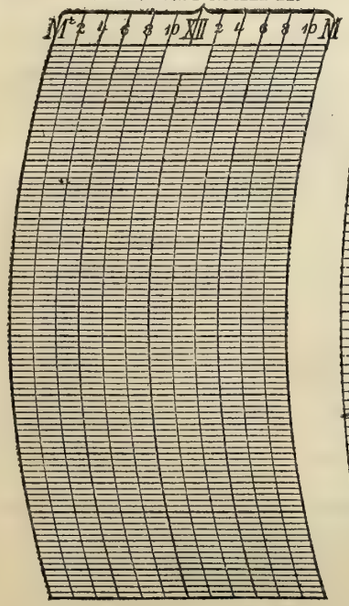
	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	47	47	46	45	45	44	43	41	39
State of weather: Nature of precipitation and time of beginning and ending	RB 12:15	–	NE 2:05									
Amounts of precipitation	.05	T	T									
Cloudiness and other conditions				Cloudy								
Sunset: Time, 5:17; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0.2	0	0						
Wind direction	NW	NW	N	N	N	N	N	N	N	N	N	NW
Wind movement	10	11	14	14	10	10	8	7	6	6	6	5
Maximum velocities (exceeding 19 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

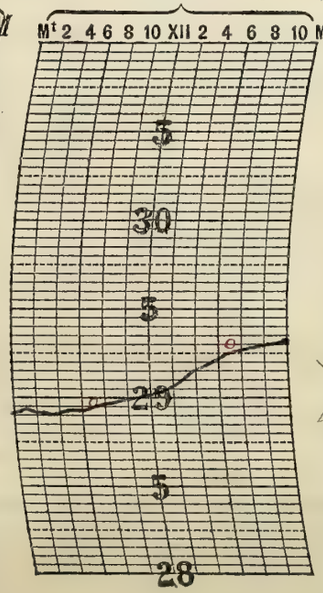
	Maximum.	Minimum.	Mean.	Normal.
	51	39		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, 0.05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 4.4
Actual sunshine, hours, 1.4
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 15
Prevailing direction, N
Total movement, 219
Average hourly velocity, 9.1
Maximum velocity, 19 Direction, NW Time. Began 12:12 p.m.
Extreme velocity, 19 NW 12:12 p.m.
Relative humidity, 7 a. m., 80; 12 m., 59; 7 p. m., 84
Reduced barometer, 29.86 a. m., 30.17 p. m.
River gage, 2.1 ft.

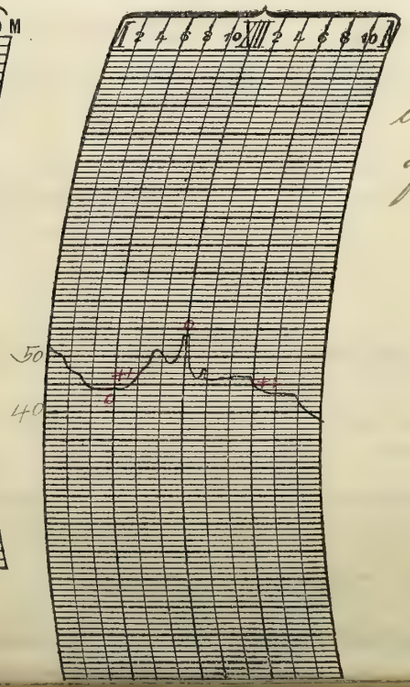
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Interpolated

Cool, Cloudy, and unpleasant weather with in the early afternoon, and one peal of thunder at 12:30 pm.

Prepared by W. S.
Verified by P. M. L.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) October 6, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	34	34	34	37	40	44	46	50	50	51	52	53	54	53	49	48	46	46	45	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.28 0	0.5 0	0	0.5	1.0	1.0	0.7	0	0.1	0.8	0.6	0.8 0.2	0.25 0						
Wind direction	NW	NW	NW	NW	NW	W	W	W	NW	W	SW	SW	SW	SW	SW	S	S	S	SE	S	S	S	S	S
Wind movement	5	5	5	4	4	3	3	4	4	4	7	6	5	4	9	6	8	6	8	7	7	11	13	11
Maximum velocities (exceeding 29 miles) direction and time																								

Clear 7-7 Pt. Cloudy → Clear →

Sunrise: Time, 5:43 Character, Clear

Sunset: Time, 5:15 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	54	34	44	

Total depth of snow for 24 hours ending 6 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, Pt. Cloudy Moon phase, ____

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.1

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 66

Prevailing direction, S

Total movement, 154

Average hourly velocity, 6

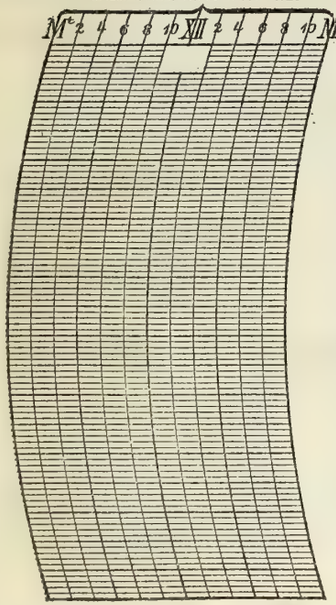
Maximum velocity,	Direction,	Time.
14	S	Began 10:30 P.M.
Extreme velocity, 15	S	10:30 P.M.

Relative humidity, 7 a. m., 76; 2 p. m., 66; 7 p. m., 76

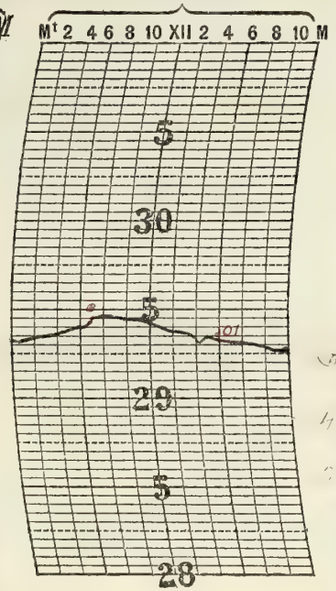
Reduced barometer, 30.37 a. m., 30.24 p. m.

River gage, 2.0 ft.

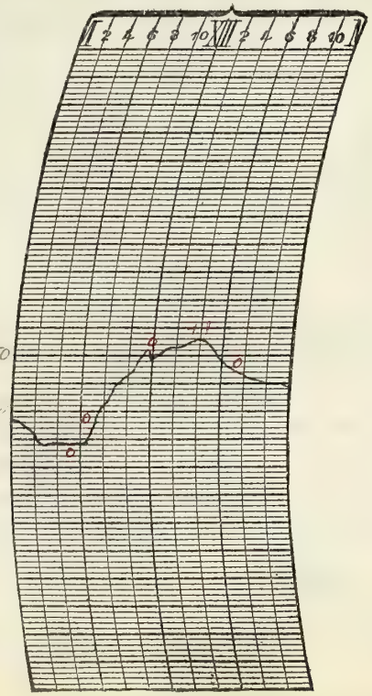
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Killing frost occurred in the a.m. The word "clear" was added to the pub. telegraphic report. Generally partly cloudy weather; cool in the early morning and night, but pleasant midday temperatures.

Prepared by WSA

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Mayne Ind, (Day of week) Sunday, (Date) October 17, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	43	43	44	[illegible]	46	52	55	59	[illegible]
State of weather: Nature of precipitation and time of beginning and ending					R.B. DNA			R.E 7:42				
Amounts of precipitation					T	T	T	T				
Cloudiness and other conditions					Cloudy				Pc. Cloudy		Clear	
Sunrise: Time, 5:44 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0.2	1.0	1.0	1.0
Wind direction	SW	S	S	SW	S	S	S	SW	SW	SW	SW	SW
Wind movement	8	10	12	13	11	12	14	16	14	18	17	15
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	64	64	64	63	57	[illegible]	51	49	49	47	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pc. Cloudy			Cloudy				
Sunset: Time, 5:14 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	0.9	0.2	0.6	0	0						
Wind direction	SW	SW	W	W	W	NW	N	N	N	NW	N	NW
Wind movement	16	15	11		8	12	11	11	9	8	7	14
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	65	42	[illegible]	

Total depth of snow for 24 hours ending 7:00 p. m., 0 inches.

Snow on ground 7:00 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pc. Cloudy Moon phase, Last Quarter 4:54 p.m.

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.1

Possible sunshine, hours, 11.1

Percentage of possible sunshine, 51

Prevailing direction, SW

Total movement, 282

Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
21	SW	Began 9:11 a.m.

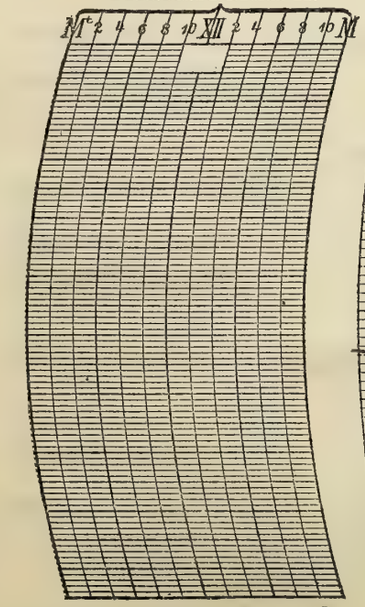
Extreme velocity, 21 — SW 9:11 a.m.

Relative humidity, 7 a. m., 68; 12 m., 45; 7 p. m., 54

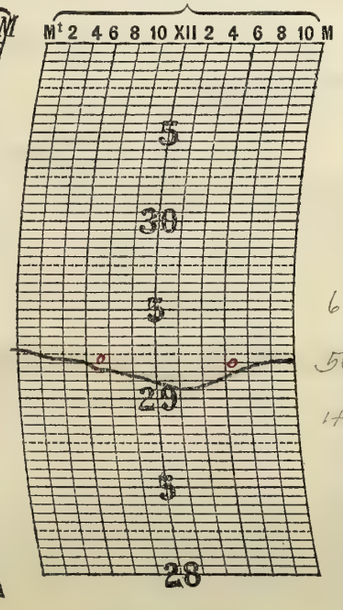
Reduced barometer, 30.10 a. m., 30.06 p. m.

River gage, 1.8 ft.

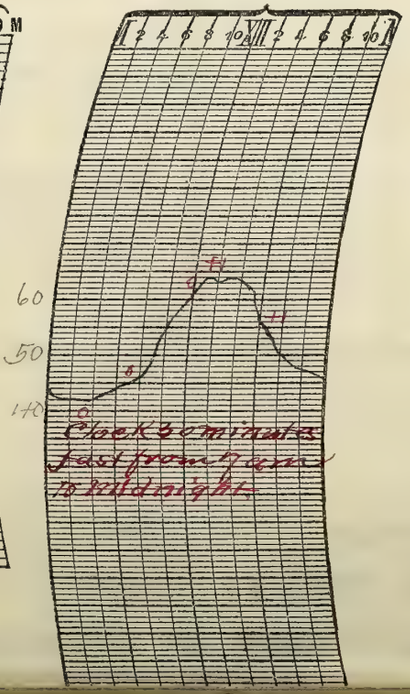
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy weather, with sprinkling rain in the early part of the morning. Moderate temperatures.

Prepared by [illegible]

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) October 8, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	43	42	41	40	39	43	45	45	47	47	47	47	47	47	45	44	42	40	38	37	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←	Clear					→	Pt Cloudy		Cloudy						→	Clear				
Sunshine (in tenths of hours)						0.25	0.9 0.1	1.0	0.5	0.3	0.6	0.5	0.1	0	0	0	0	0						
Wind direction	NW	NW	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N
Wind movement	4	7	11	5	6	5	6	8	9	10	10	10	11	11	8	8	11	7	7	6	4	3	3	2
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 5:45; Character, Clear

Sunset: Time, 5:12; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	48	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, — inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 4.2

Possible sunshine, hours, 11.5

Percentage of possible sunshine, 37

Prevailing direction, NW

Total movement, 176

Average hourly velocity, 7.3

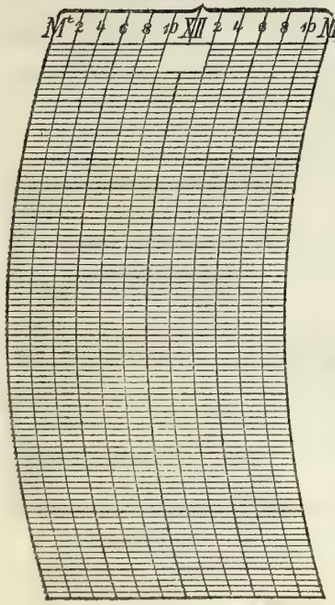
Maximum velocity,	Direction,	Time.
13	NW	Began 1:18 P.M.
Extreme velocity, 14	NW	1:18 P.M.

Relative humidity, 7 a. m., 79; 12 p. m., 43; 7 p. m., 70

Reduced barometer, 30.27 a. m., 30.33 p. m.

River gage, 1.9 ft

THERMOGRAPH.



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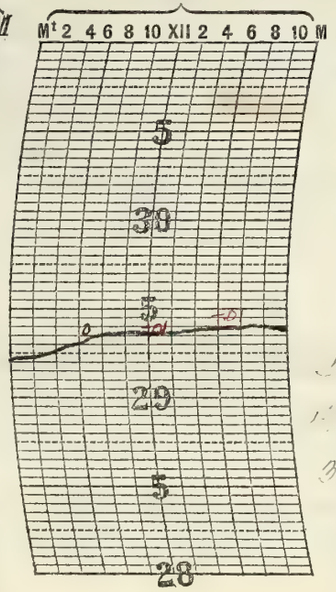
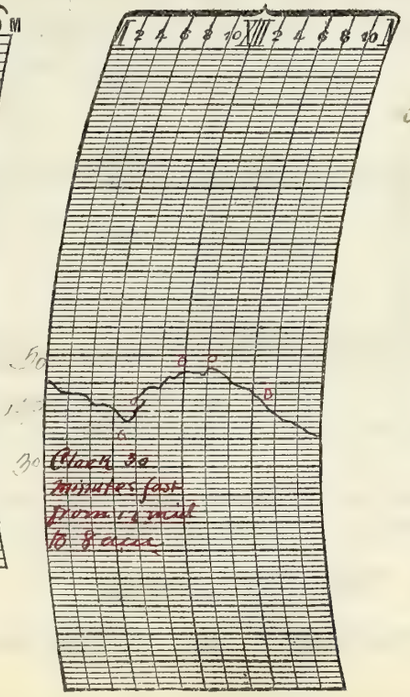


THERMOGRAPH.



*Defective record; partly interpolated.

NOTES.

Partly Cloudy, Cool, and Unpleasant.

Prepared by W.S.

Verified by O.M.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Mayer, Ind. (Day of week) Tuesday, (Date) October 9, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	31	31	32	33	39	44	46	48	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					→	← Cloud	
Sunshine (in tenths of hours)						0.3 0	0.3 0	0.7 0.7	1.0	0.4	1.0	1.0
Wind direction	N	NE	NE	N	N	E	E	E	E	SE	SE	S
Wind movement	4	3	3	2	3	4	2	3	3	4	7	6
Maximum velocities (exceeding 7.0 miles) direction and time												

Sunrise: Time, 5:46; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	52	51	49	48	44	47	46	44	42	41
State of weather: Nature of precipitation and time of beginning and ending									R.B. 8.05			R.E. 11.45
Amounts of precipitation									T	.01	.03	T
Cloudiness and other conditions							← Cloudy			→		
Sunshine (in tenths of hours)	0.3	0.9	0.9	0	0	0						
Wind direction	SE	SE	S	SE	SE	SE	SE	S	SE	SE	SE	E
Wind movement	8	8	10	6	5	3	5	4	6	6	5	6

Sunset: Time, 5:10; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

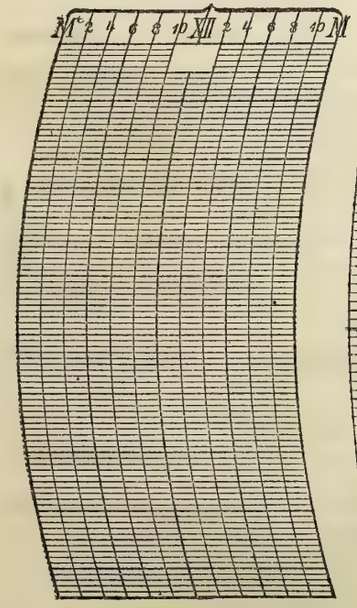
Maximum.	Minimum.	Mean.	Normal.
53	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.04 inches.
Character of day, T; Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 6.6
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 58
Prevailing direction, S.E.
Total movement, 116
Average hourly velocity, 4.8

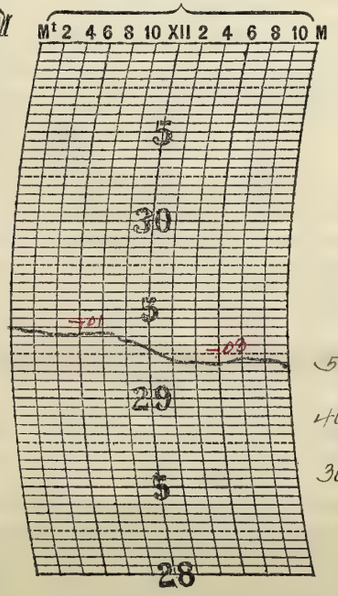
Maximum velocity,	Direction,	Time.
12	SE	Began 2:54 P.M.
Extreme velocity, 12	SE	2:54 P.M.

Relative humidity, 7 a. m., 79; 12 m., 42; 7 p. m., 76
Reduced barometer, 30.29 a. m., 30.11 p. m.
River gage, 1.9 ft.

THERMOGRAPH.



BAROGRAPH.



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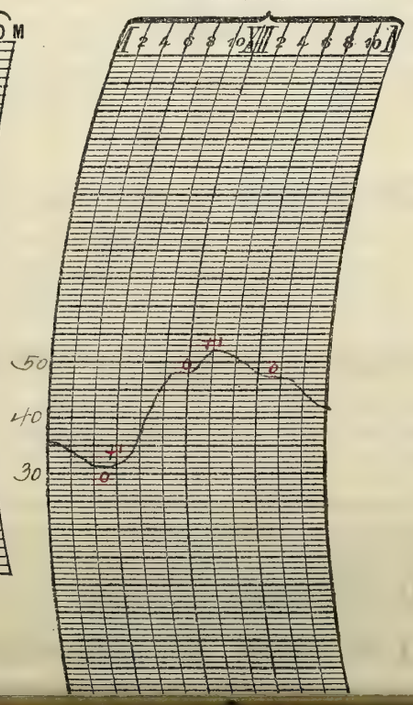


NOTES.

Clear in the early forenoon, but with increasing cloudiness during the day; night cloudy with light rain during the late night. Low temperatures prevailed during the day, with freezing temperature in the early morning.

Prepared by W.S.B.
Verified by P. McD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) October 10, 1917

Time (local standard), 90th mer.

1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	42	41	41	[illegible]	42	43	44	45	45	45	45	47	47	46	45	45	44	44	43	41	40
State of weather: Nature of precipitation and time of beginning and ending								R.B 7:40								RE 3:45								
Amounts of precipitation								T	.01	T	T	.01	.02	.01	T	T								
Cloudiness and other conditions										Cloudy														
Sunrise: Time, 5:47; Character, Cloudy																								
Sunset: Time, 5:09; Character, Cloudy																								
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	E	E	NE	NE	NE	NE	NE	E	NE	NE
Wind movement	6	7	8	7	8	8	9	8	7	8	5	5	4	7	7	5	4	2	3	4	4	5	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
47	40	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 0

Possible sunshine, hours, 11.4

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 140

Average hourly velocity, 5.8

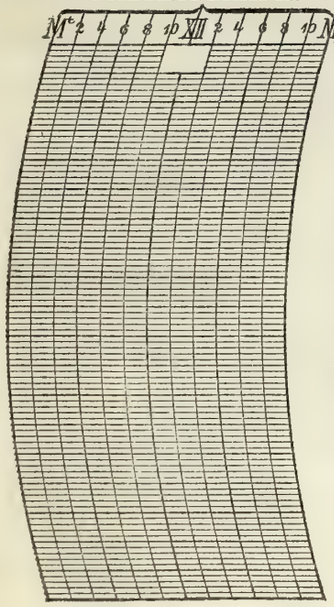
Maximum velocity,	Direction,	Time.
11	E	Began 6:42 a.m.
Extreme velocity, 11	E	6:42 a.m.

Relative humidity, 7 a. m., ; 12 p. m., ; p. m.,

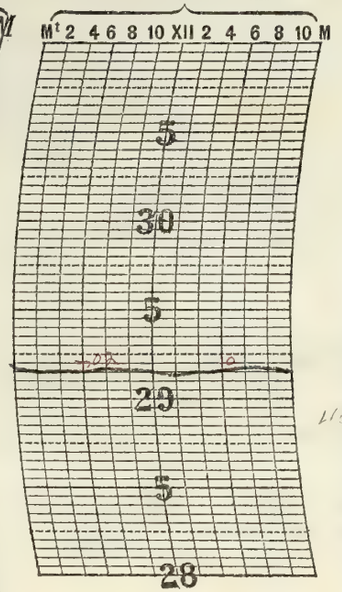
Reduced barometer, 30.07 a. m., 30.08 p. m.

River gage, 1.9 ft.

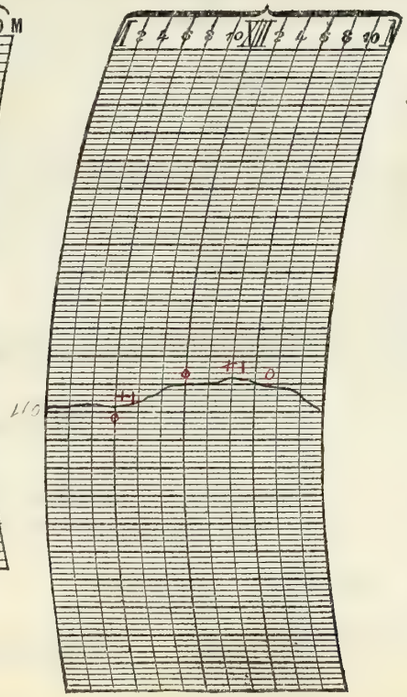
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy, with light rain from 7:40 a.m. to 3:45 p.m. Cool and unpleasant.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Thursday, (Date) October, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	38	38	37	37	39	43	49	50	50	5[illegible]	49	49	49	48	45	44	[illegible]	43	43	42	42	39
State of weather: Nature of precipitation and time of beginning and ending																	R.B.	–	–	–	–	–	–	–
Amounts of precipitation																	0.4	0.5	0.2	T	T	0.1	0.1	T
Cloudiness and other conditions				← Cloudy			→		Pt. Cloudy				← Cloudy									→		
Sunrise: Time, 5:48 Character, Cloudy																					Sunset: Time, 5:07 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.3	0.9	0.5	0	0	0	0	0	0	0						
Wind direction	E	NE	E	E	E	E	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	W	W
Wind movement	5	4	4	3	3	1	3	8	8	10	13	13	16	14	10	9	9	8	8	8	9	9	7	10
Maximum velocities (exceeding [illegible] miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

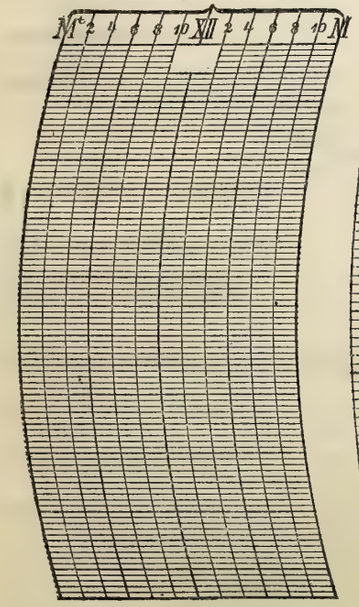
Maximum.	Minimum.	Mean.	Normal.
51	37	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 7
Actual sunshine, hours, 1.7
Possible sunshine, hours, 11.3
Percentage of possible sunshine, 15
Prevailing direction, S
Total movement, 192
Average hourly velocity,

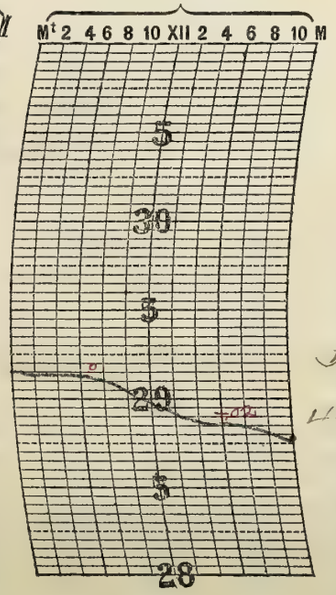
Maximum velocity,	Direction,	Time.
19	SW	Began 12:39 P.M.
Extreme velocity, 22	SW	12:38 P.M.

Relative humidity, 7 a. m., 89; 12 m., 63; 7 p. m., 93
Reduced barometer, 30.05 7 a. m., 29.76 p. m.
River gage, 1.9 ft.

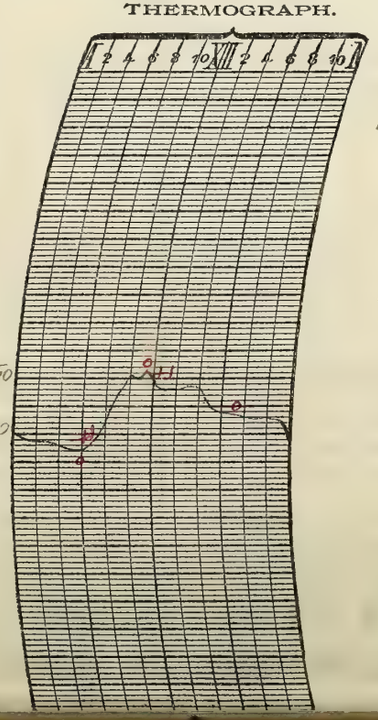
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Central office ordered a special observation to be taken at 2 p.m.; the observation was taken on time and telegraphed.

Cool, cloudy, and unpleasant weather, with light rain from 4:15 p.m.

Prepared by NSB.
Verified by JMCK.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) October 12, 1917

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	34	32	32	32	33	33	33	35	34	34	34
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	T.E DNA	SB. DNA	– –	SE 8:45			
Amounts of precipitation	T	.03	.04	.02	.01	.01	T	T	T			
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character,	5:49 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	SW	SW	W	SW	SW
Wind movement	15	12	[illegible]	16	17	19	18	17	20	19	19	20
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	34	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending							SMG 630			SM 7:15		
Amounts of precipitation							T	T	T	T		
Cloudiness and other conditions												
Sunset: Time, Character,									5:06 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	W
Wind movement	19	18	18	18	17	16	15	15	15	14	14	15

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

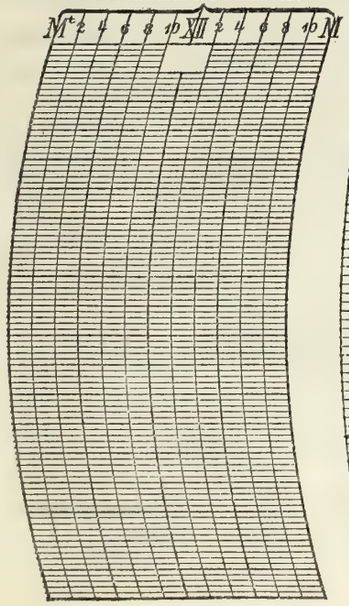
Maximum.	Minimum.	Mean.	Normal.
39	32	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 11.3
Percentage of possible sunshine, 0
Prevailing direction, SW
Total movement, 399
Average hourly velocity, 16.6

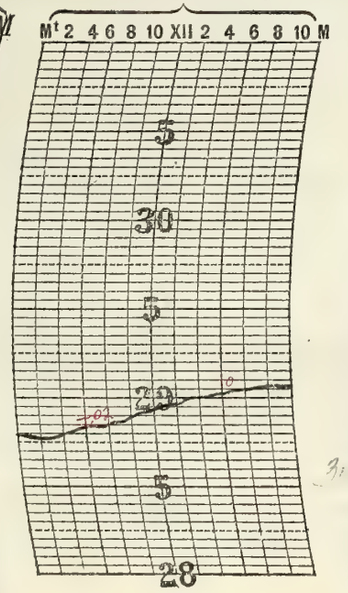
Maximum velocity,	Direction,	Time.
25	W	Began 1:59 P.M.
Extreme velocity, 26	W	1:59 P.M.

Relative humidity, 7 a. m., 87; 7 p. m., 85
Reduced barometer, 29.75 a. m., 29.99 p. m.
River gage, 2.1 ft.

THERMOGRAPH.



BAROGRAPH.



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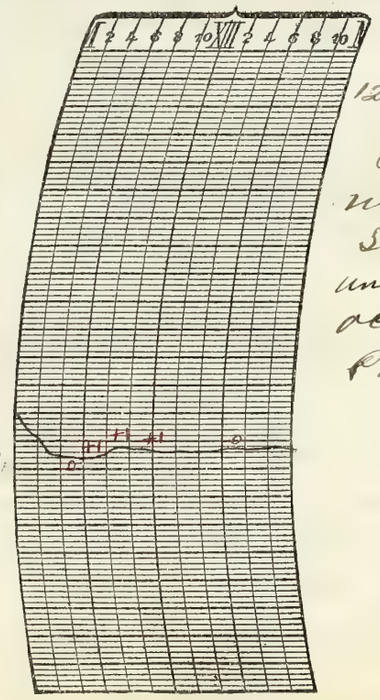


NOTES.

The tipping bucket raingage was removed indoors at 12:20 p.m. because of freezing weather.

The light rain continued from last night turned into snow, the first of the season, during the night of the a.m. and continued until 8:45 a.m. Snow flurries occurred between 6:30 p.m. and 9:15 p.m. Cloudy, cold, and unpleasant.

Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Saturday, (Date) [illegible], 191[illegible]

Time (local standard), 75 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	35	35	35	35	34	35	35	36	38	39	40	41	42	44	45	44	42	41	39	38	38	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy				→	←	Pt.	Cloudy			→	←	Clear				→		
Sunrise: Time, Character,	5:51 Cloudy																				Sunset: Time, Character,		5:04 Clear	
Sunshine (in tenths of hours)						0	0	0	0.8	1.0	0.5	0.4	1.0	0.9	1.0	1.0	0.9 0.1	0.0 0.7						
Wind direction	SW	W	SW	W	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	SW	W	SW	S	S	S	S	S	S
Wind movement	15	12	13	12	12	11	10	11	13	10	8	9	9	8	8	6	6	4	4	4	5	5	5	5
Maximum velocities (exceeding ---- miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	34	40	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), –

Actual sunshine, hours, 7.7

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 69

Prevailing direction, SW

Total movement, 201

Average hourly velocity, 8.5

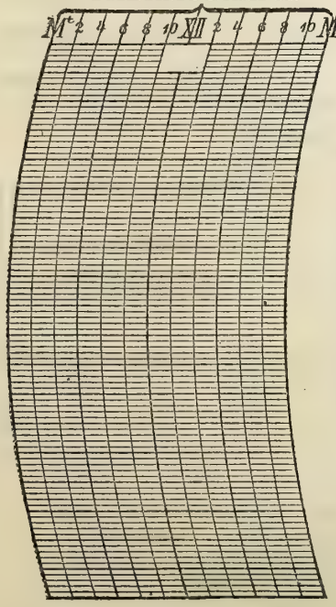
Maximum velocity,	Direction,	Time.
18	SW	Began 12:53 am
Extreme velocity, 21	SW	12:02 am

Relative humidity, 7 a. m., 77; 12 m., 53; 7 p. m., 60

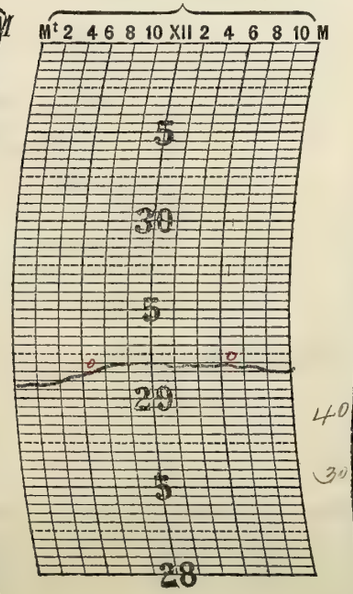
Reduced barometer, 30.11 a. m. 30.12 p. m.

River gage, 2.1 ft.

THERMOGRAPH.



BAROGRAPH.



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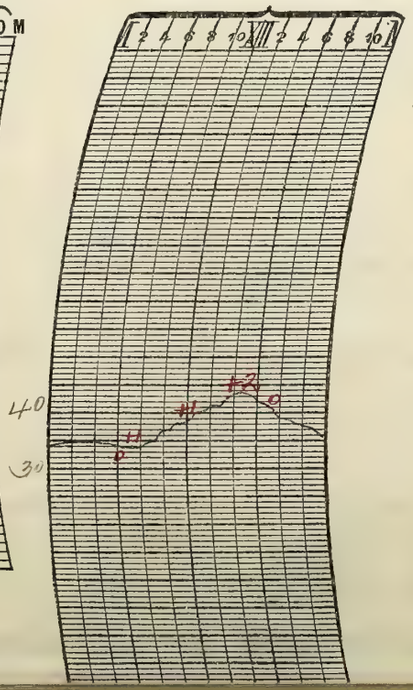


NOTES.

Cloudy in the morning but decreasing cloudiness during the day, being clear from about 3 p.m. Cool, but pleasant weather

Prepared by NAB.

Verified by RMK.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Sunday, (Date) October 14, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	35	35	36	38	42	45	50	55	58	59	58	61	62	63	63	61	60	60	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																			R.B. 6:15 R.E. 6:30					
Amounts of precipitation																			T					
Cloudiness and other conditions					← Clear					→	Pt Cloudy		←		Cloudy							→		
Sunshine (in tenths of hours)						0	0	0.3	0.6	0.8	1.0	0.1	0.2	0.7	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	5	5	6	6	6	7	10	9	12	15	18	18	17	24	16	15	11	9	14	12	7	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5:52 Character, Cloudy

Sunset: Time, 5:02 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	35	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 3.7

Possible sunshine, hours, 11.2

Percentage of possible sunshine, 33

Prevailing direction, SW

Total movement, 261

Average hourly velocity, 10.9

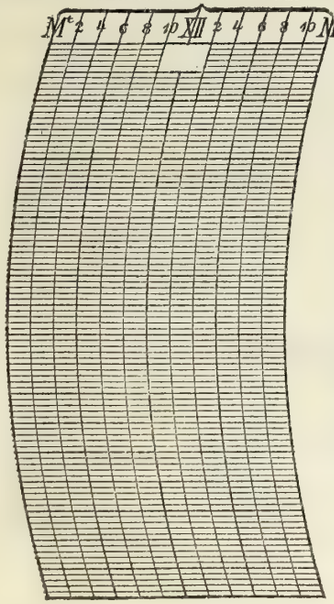
Maximum velocity,	Direction,	Time.
28	S	Began 1:25 PM
Extreme velocity, 35	SW	1:36 PM

Relative humidity, 7 a. m., 58; 12 m., 34; 7 p. m., 49

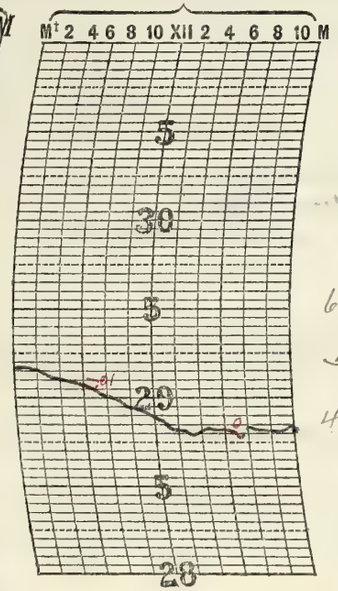
Reduced barometer, 29.97 a. m. 29.70 p. m.

River gage, 1.9 ft.

THERMOGRAPH.



BAROGRAPH.



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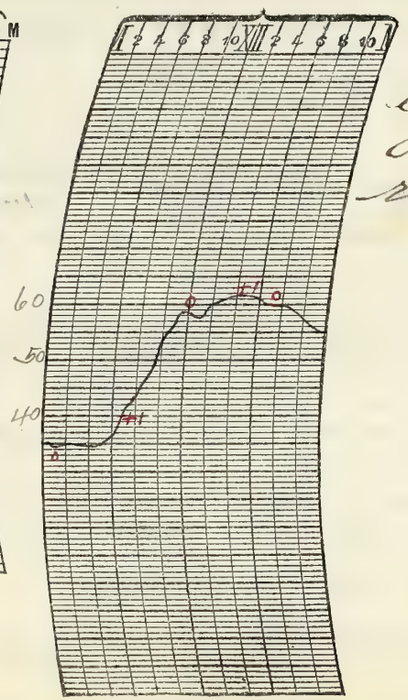


NOTES.

Generally fairly Cloudy. Cool in early morning but pleasant temperature Afternoon and night. Light rain from 6:15 to 6:20 p.m.

Prepared by DSR

Verified by PMEO

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Monday, (Date) October 15, 1917

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	56	53	52	50	49	54	54	57	59	60	60
State of weather: Nature of precipitation and time of beginning and ending							RB 6:05 RE 6:12			RB 9:33 RE 10:00		RB 11:20 RE 11:45
Amounts of precipitation							T			T		T
Cloudiness and other conditions						Clear	Cloudy	Clear		P.Cloudy		Cloudy
Sunrise: Time, 5:53 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0.4	0.7	0.3	0.2	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	7	7	5	6	6	6	6	6	7	5	6	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	62	62	61	59	57		54	53	52		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy				P.Cloudy			Clear				
Sunset: Time, 5:01 Character, Cloudy												
Sunshine (in tenths of hours)	0	0.5	1.0	0.3	0	0						
Wind direction	W	NW	NW	NW	NW	NW	N	NE	NE	NE	NE	S
Wind movement	11	9	10	8	6	4	5	4	5	1	2	4

Maximum velocities (exceeding ---- miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	49	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, P.Cloudy Moon phase, New Moon 8:41 P.M.

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 3.4

Possible sunshine, hours, 11

Percentage of possible sunshine, 31

Prevailing direction, SW

Total movement, 142

Average hourly velocity, 5.9

Maximum velocity, 13 Direction, NW Time. Began 2:23 P.M.

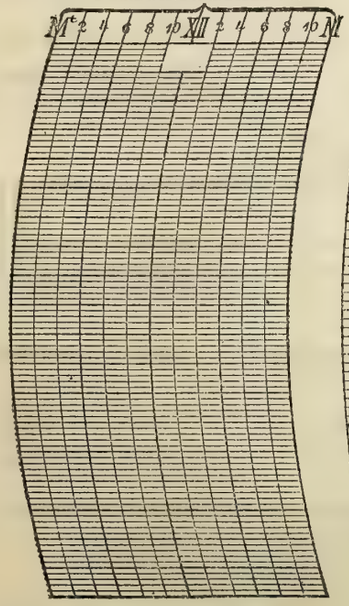
Extreme velocity, 15 NW 2:28 P.M.

Relative humidity, 7 a. m., 84; 12 m., 58; 7 p. m., 56

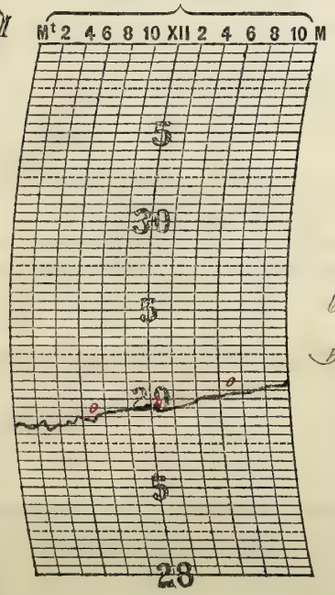
Reduced barometer, 29.79 a. m., 29.95 p. m.

River gage, 2.0 ft.

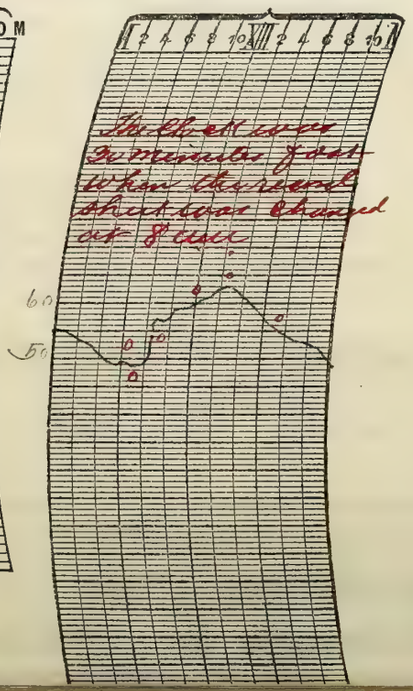
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy, with sprinkling at intervals during the forenoon but night. Mostly clear. Moderate temperature

Prepared by N.S.B.

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Tuesday, (Date) October 16, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	46	47	47	47	45	44	49	53	55	56	57	59	60	59	57	56	54	52	49	47	46	45	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
Sunshine (in tenths of hours)	Sunrise: Time, 5:54 Character, Clear					0.10 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0			0.2 0.8	0.98 0				Sunset: Time, 4:59 Character, Clear			
Wind direction	SW	SW	SW	SW	W	W	NW	N	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	5	5	6	6	5	5	4	6	6	8	6	4	5	5	5	4	6	5	4	5	7	6	7	8
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

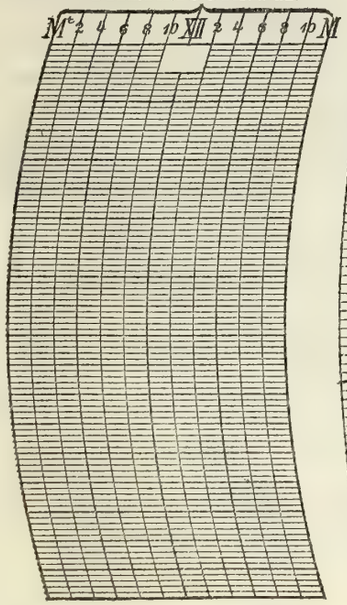
Maximum.	Minimum.	Mean.	Normal.
60	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 1
Actual sunshine, hours, 11.1
Possible sunshine, hours, 11.1
Percentage of possible sunshine, 100
Prevailing direction, NE
Total movement, 133
Average hourly velocity, 5.5

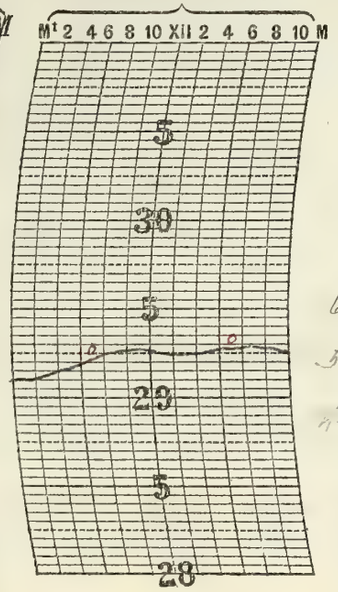
Maximum velocity,	Direction,	Time.
10	E	Began 11:31 P.M.
Extreme velocity, 10	E	11:31 P.M.

Relative humidity, 7 a. m., 74; 12 m., 32; 7 p. m., 52
Reduced barometer, 30.13 a. m., 30.21 p. m.
River gage, 2.06

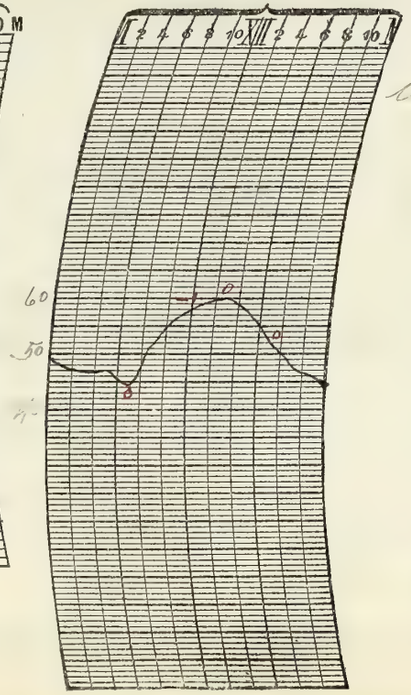
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear, pleasant weather

Prepared by NSR
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) October 7, 1917

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	42	42	44	45	[illegible]	45	45	46	[illegible]	47
Nature of precipitation and time of beginning and ending								R.B. 7:05				R.E. 11:50
Amounts of precipitation								—	—	—	—	—
Cloudiness and other conditions						← Cloudy						—
Sunrise: Time, Character,	5:55 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	NE	NE	E	E	E	E	E	E	E
Wind movement	6	6	7	6	7	9	9	12	10	7	8	9
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	56	57	56	54	52	[illegible]	50	49	48	48	59
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:58 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement					10					6	5	5
Maximum velocities (exceeding ____ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ 1 _____ hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., [illegible] ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt Cloudy Moon phase, _____

Average daily cloudiness (0–10), 7

Actual sunshine, hours, _____

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 24

Prevailing direction, E

Total movement, _____

Average hourly velocity, _____

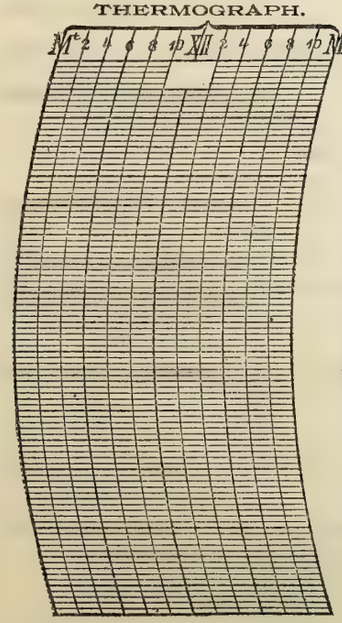
Maximum velocity,	Direction,	Time.
15	E	Began 7:28 AM
Extreme velocity, 16	E	7:32 AM

Relative humidity, 7 a. m., 63; 12 m., 74; 7 p. m., 80

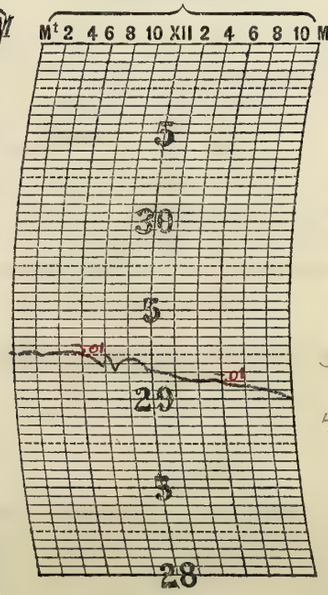
Reduced barometer, 30.[illegible] a. m., 30.00 p. m.

River gage, 2.0 ft

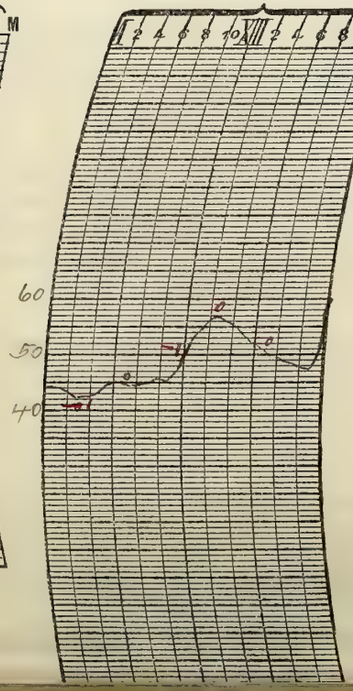
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Noon special ordered by Central Office; it was taken and forwarded.

Generally Cloudy during the forenoon, with light rain, and mostly partly Cloudy in the afternoon, but night Cloudy - Moderate temperature prevailed.

Prepared by W.S.B.

Verified by [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) October 18, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	65	65	66	67	64	63	62	63	61	61	62
State of weather: Nature of precipitation and time of beginning and ending					RB 0.NA							R.E 11:25 RB 11:50
Amounts of precipitation					—	—	—	—	—	—	—	—
Cloudiness and other conditions					Cloudy							
Sunrise: Time, 5:56 Character, Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0.2	0	0
Wind direction	SE	S	S	S	S	S	SW	SW	S	S	S	S
Wind movement	7		12	11	13	12	10	9	14	15	20	14
Maximum velocities (exceeding 22 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	62	62	60	61	62	62	56	53	52	49	45
State of weather: Nature of precipitation and time of beginning and ending												R.E 11:50
Amounts of precipitation	—	—	—	—	—	—	—	—	—	—	—	—
Cloudiness and other conditions	Cloudy											
Sunset: Time, 4:56 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	SE	S	S	S	SW	S	NW	NW	W	W
Wind movement	16	16	11	4	8	7	7	9	12	12	11	15

Excessive precipitation, accumulated amounts	Total duration From—	Total duration To—	Total amount of precipitation	Excessive rate Began—	Excessive rate Ended—	Amount before excessive began	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

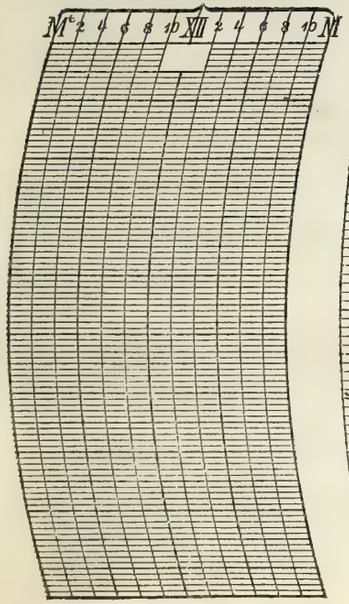
	Maximum.	Minimum.	Mean.	Normal.
	67	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., 1.90 ins.
Total precipitation, midnight to midnight, 2.56 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0.2
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 2
Prevailing direction, S
Total movement, 270
Average hourly velocity, 11.5

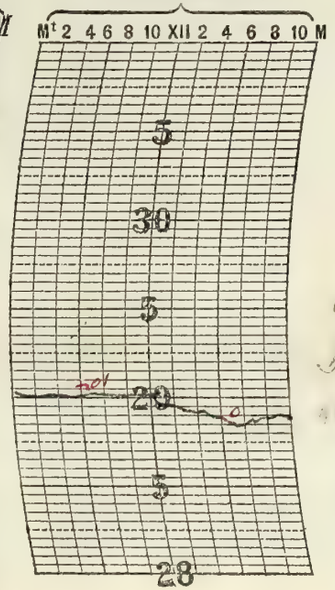
	Maximum velocity,	Direction,	Time.
	22	S	Began 10:36 A.M.
Extreme velocity,	24	S	10:36 A.M.

Relative humidity, 7 a. m., 89; 12 p. m., 94; 7 p. m., 93
Reduced barometer, 29.975 a. m., 29.775 p. m.
River gage, 2.1 ft.

THERMOGRAPH.



BAROGRAPH.



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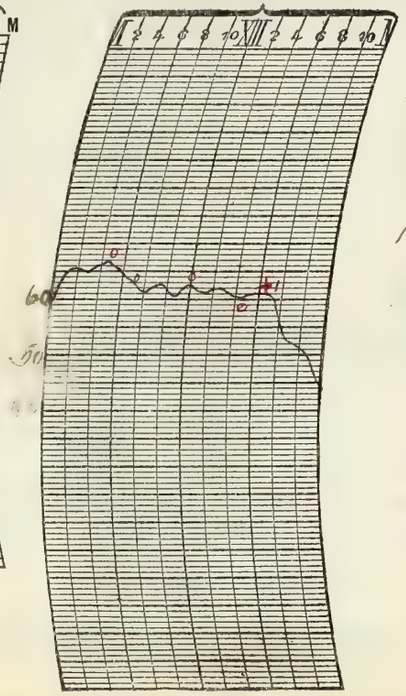


NOTES.

Rain continued almost uninterruptedly from about 4 a.m. to 11:50 p.m., the total fall being 2.56 inches.

The temperature rose from the preceding p.m. observation till 7 a.m., and remained practically stationary during the day.

The day was dark and gloomy, necessitating artificial light, especially in the afternoon.

There were two thunderstorms: The first and last thunder of the first storm was heard at 6:25 a.m., but the second storm continued from 3:05 p.m. till 11:50 p.m., and at times the thunder was quite violent.

Electric light and telephone lines damaged to some extent.

Prepared by NSR
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) December 29, 1911

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	37	36	35	35	34	35	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5:57; Character, Cloudy												
Sunshine (in tenths of hours)		1				0	0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	18	[illegible]	15	15	16	15	15	14	16	15	15
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	33	33	33	33	33	33	33	33	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, 4:55; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0					1		
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	W
Wind movement	15	14	15	14	11	10	8	8	8	7	7	8
Maximum velocities (exceeding 29 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .51 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 0

Prevailing direction, W

Total movement, [illegible]

Average hourly velocity, 12.9

Maximum velocity, 22 Direction, NW Time. Began 12:56 A.M.

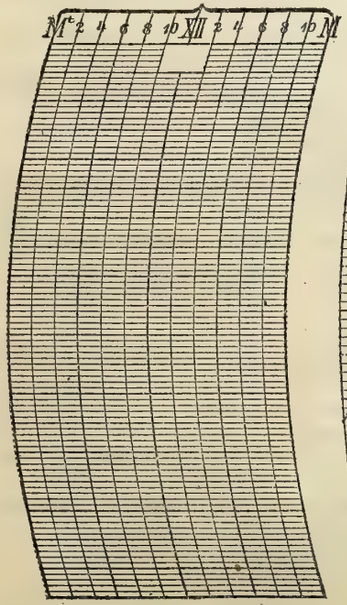
Extreme velocity, 24 NW 12:56 A.M.

Relative humidity, 7 a. m., 74; 12 m., 72; 7 p. m., 67

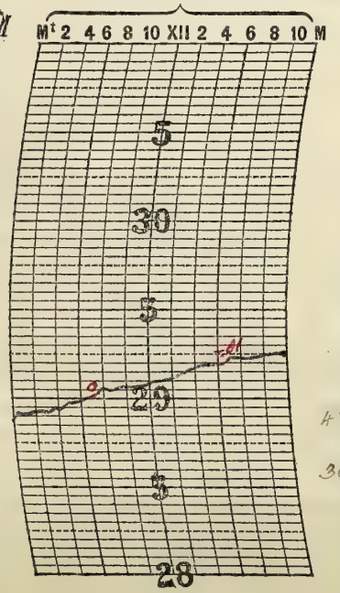
Reduced barometer, 29.95 a. m. 29.15 p. m.

River gage, 3.9 ft.

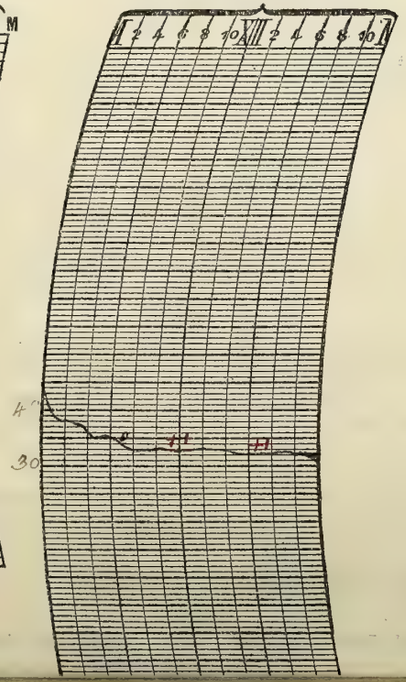
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy, cold and unpleasant.

Prepared by W.S.B.

Verified by [illegible]

Form No. 1012—Mod. 7.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) October 20, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	30	30	30	30	31	35	37	40	42	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Pt Cloudy						Clear	
Sunshine (in tenths of hours)						0	0	0.1	0.3	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	6	6	7	6	6	6	4	6	7	6	7	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	46	47	47	45	45	44	44	44	44	43	42
State of weather: Nature of precipitation and time of beginning and ending									RB (8 2)			RE (11 N)
Amounts of precipitation									—	—	—	—
Cloudiness and other conditions			Pt Cloudy				Cloudy					
Sunshine (in tenths of hours)	1	0.3	0.4	0	0							
Wind direction	SW	SW	SW	S	SE	SE	SE	S	S	S	S	SW
Wind movement	9	10	9	4	2	4	5	5	10	11	10	9

Sunrise: Time, 5:58; Character, Cloudy

Sunset: Time, 4:[illegible]; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 5.0

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 5[illegible]

Prevailing direction, SW

Total movement, 161

Average hourly velocity,

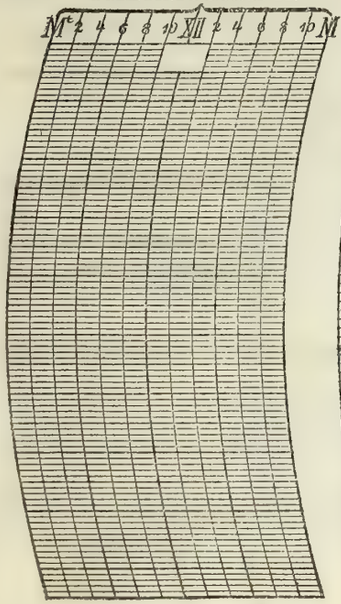
Maximum velocity,	Direction,	Time.
16	S	Began 8:48 a
Extreme velocity, 16	S	8:49 a

Relative humidity, 7 a. m., 79; 12 p. m., 57; 7 p. m., 5[illegible]

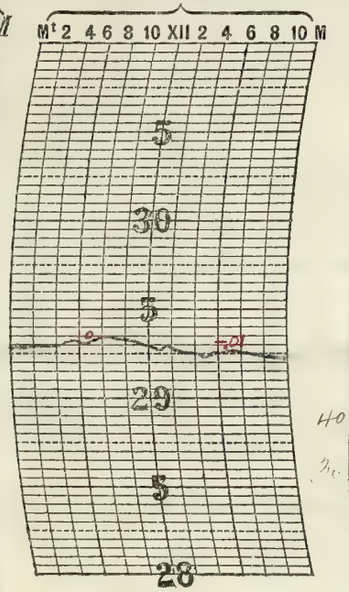
Reduced barometer, 30.27 a. m., 30.19 p. m.

River gage, 4.3 ft.

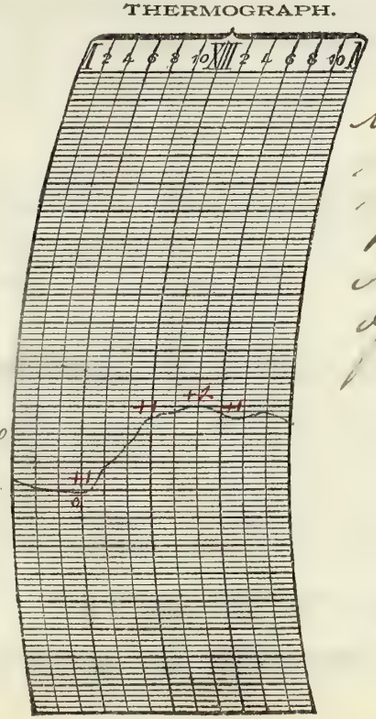
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The weather was generally partly cloudy the day and cloudy at night, with light rain during the late night. Cool and rather unpleasant. Cirro-cumulus clouds moving from the west were observed during the late forenoon and early afternoon.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Sunday, (Date) October 21, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	39	37	35	[illegible]	37	39	40	41	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, 5:59 Character, Clear												
Sunshine (in tenths of hours) 1		1				0.02 0	1.0 0	1.0	0.9	0.8	0.3	0.5
Wind direction 1	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement 1	8	9	8	6	7	7	6	8	10	10	10	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	40	38	[illegible]	38	38	37	37	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunset: Time, 4:52 Character, Cloudy												
Sunshine (in tenths of hours) 1	0.4	0	0	0	0							
Wind direction 1	SW	SW	SW	SW	SW	SW	SW	S	SW	W	W	SW
Wind movement 1	10	12	12	10	6	6	6	3	4	5	4	6
Maximum velocities (exceeding ___ miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
43	35	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., ___ ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase, ___

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.9

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 45

Prevailing direction, SW

Total movement, 182

Average hourly velocity, 7.6

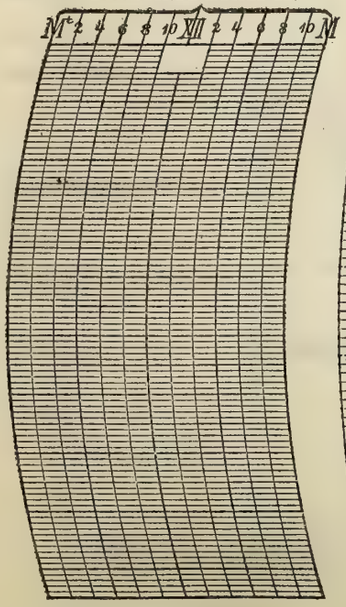
Maximum velocity,	Direction,	Time.
14	SW	Began 148 P.M.
Extreme velocity, 14	SW	148 P.M.

Relative humidity, 7 a. m., 77; 12 m., ___; 7 p. m., 67

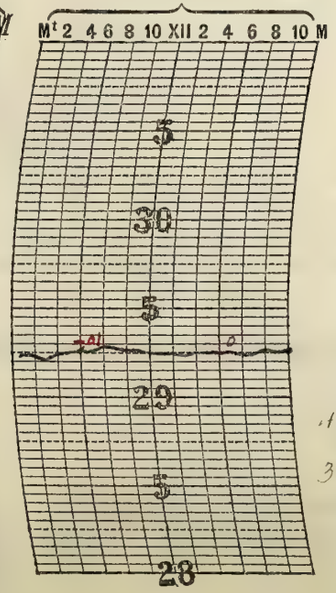
Reduced barometer, 30.21 a. m. 30.20 p. m.

River gage, 3.8 ft.

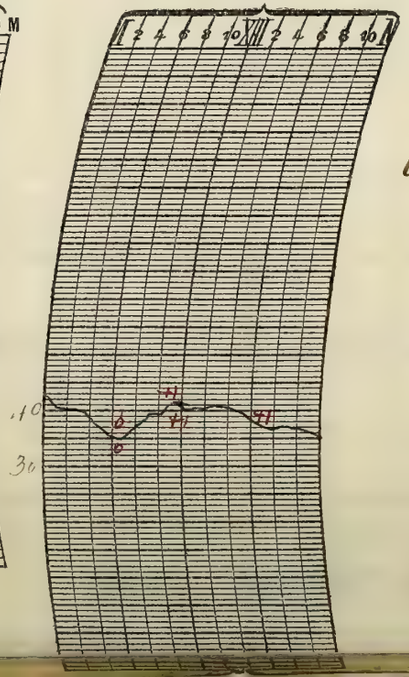
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

The day opened clear, but clouds began to form shortly after the 7 a.m. observation, the day being generally partly cloudy and unpleasantly warm.

Prepared by NSP.

Verified [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Monday, (Date) October 22, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	34	34	34	35	36	37	40	43	44	47	44	48	49	48	47	46	46	44	47	42	41	41	41
State of weather: Nature of precipitation and time of beginning and ending																		R.B 5:35	–	–	–	–	–	–
Amounts of precipitation																		–	–	–	–	–	–	–
Cloudiness and other conditions					Cloudy			Rain		Cloudy		Cloudy			Cloudy									
Sunrise: Time, 6:00; Character, Cloudy																								
Sunset: Time, 4:51; Character, Cloudy																								
Sunshine (in tenths of hours)							0	0.2	0.8	0	0	0.8	0.3	0	0	0	0							
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	S	S	S	S	SE	SE	S
Wind movement	5	5	5	7	5	5	6	7	7	9	9	10	11	10	10	8	8	8	11	8	8	6	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

	Maximum.	Minimum.	Mean.	Normal.
	49	34	42	

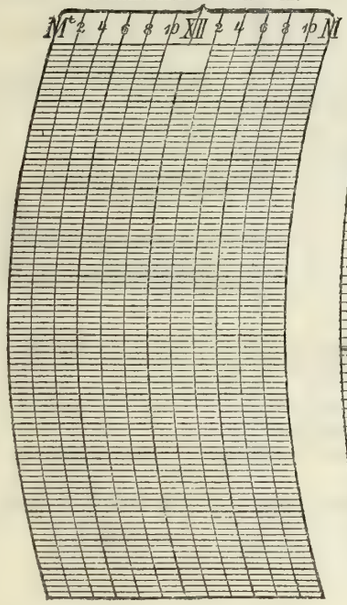
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.06 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 2.1
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 19
Prevailing direction, S
Total movement, 180
Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
13	S	Began 11:20 A.M.
Extreme velocity, 16	S	2:15 P.M.

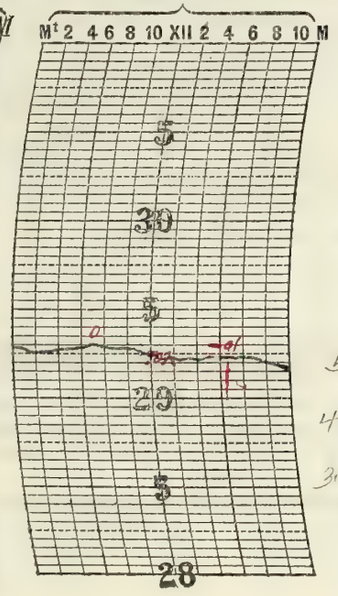
Relative humidity, 7 a. m., 79; 12 p. m., 43; 7 p. m., 83
Reduced barometer, 30.25 a. m., 30.16 p. m.
River gage, 3.3 ft.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

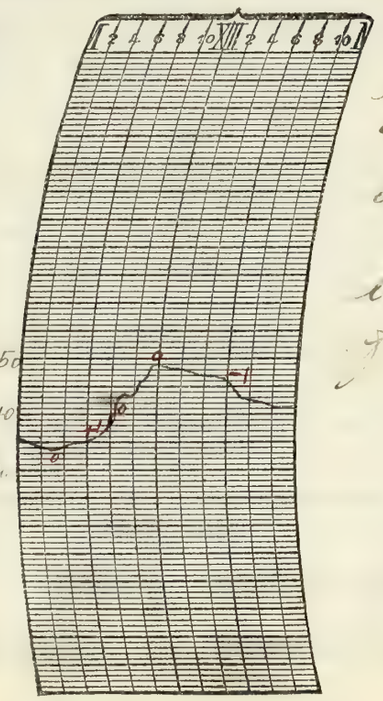
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by WSI
Verified by N. M. Gd

8—486

φ Estimated.

NOTES.

A cold wave warning which was included with the forecast was received at 9:50 a.m.

A noon special observation was ordered by the Central Office

Cloudy and unpleasant weather with light rain continued from 5:35 p.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) Oct. 9, 1917

Time (local standard), 90th mer. — hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	35	34	33	37	[illegible]	31	31	30	30	[illegible]	32	30	30	30	31	31	32	32	33	34	35	35
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	RE 7.4 SM 8.0 D.N	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	SM E 7:10 RE 7:10	–	–	RE 8.N	
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0					0		
Wind direction	S	W	W	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	N	N	N	N
Wind movement	8	8	8	8	10	8	6	6	9	9	8	8	10	10	11	9	8	6	6	6	5	6	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:02; Character, Cloudy

Sunset: Time, 4:49; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
41	30	36	

Total depth of snow for 24 hours ending 7 p. m., 3.8 inches.

Snow on ground 7 p. m., 3.4 inches.

Total snowfall, midnight to midnight, 3.8 inches.

Precipitation to 7 a. m., .19 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight .39 inches.

Character of day, Cloudy Moon phase, New Quarter, 4:38 a

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 10.8

Percentage of possible sunshine, 0

Prevailing direction, W

Total movement, 192

Average hourly velocity, 8.0

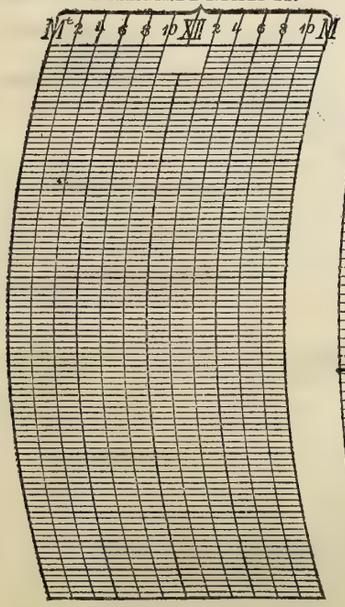
Maximum velocity,	Direction,	Time.
13	W	Began 10:00 PM
Extreme velocity, 44	W	1:55 PM

Relative humidity, 7 a. m., 95; 12 m., 100; 7 p. m., 95

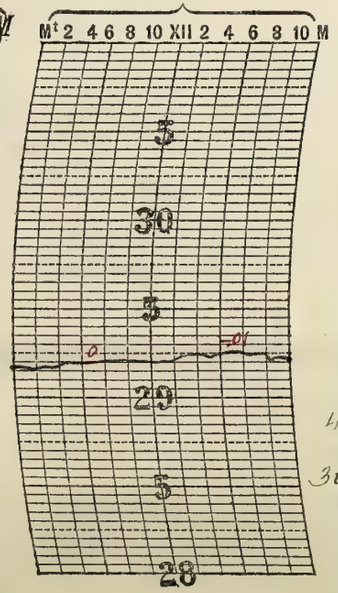
Reduced barometer, 30.[illegible] a. m., 30.19 p. m.

River gage, 3.0 ft.

THERMOGRAPH.



BAROGRAPH.



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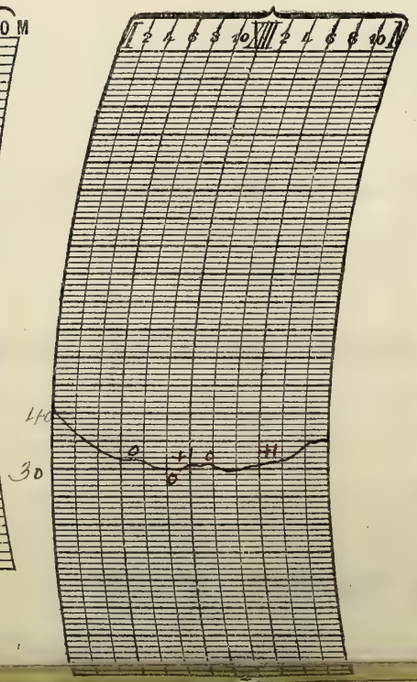


Prepared by WSG.

Verified by P. McD.

ϕ Estimated

NOTES.

The rain, continued from last night, turned into snow during the early morning, probably about 4 a.m., and the snow continued until 7:10 a.m., when it turned into rain which ended during the night of the 9th. Between 2:30 p.m. and 4 p.m. the snow was moderately heavy, but fluffy. The total fall was 3.8 inches, the greatest of record for October. After the first observation the snow melted rapidly. Except in the early morning and late night, the temperature remained practically at the freezing point. The day was very unpleasant.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Wednesday, (Date) October 24, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	36	36	36	36	36	36	38	39	39	40	41	41	41	41	41	41	41	[illegible]	41	40	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←							Cloudy										→			
Sunrise: Time, Character,	6:03 Cloudy																				Sunset: Time, Character, 4:48 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	N	NW	N	NW	NW	N	N	NW	N	N	N	NW	NW	NW	N	N	N	NW	NW	N	N
Wind movement	8	8	10	9	10	9	11	10	9	10	9	11	11	9	10	8	7	5	5	6	5	3	5	4
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

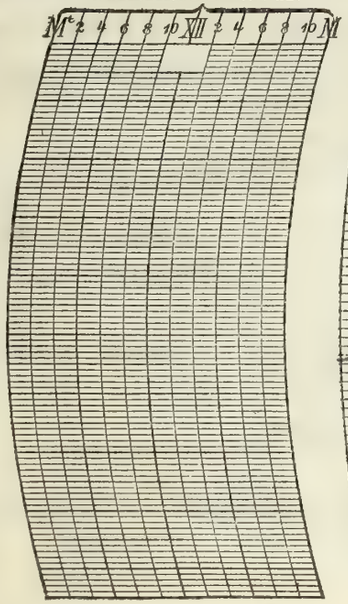
Maximum.	Minimum.	Mean.	Normal.
41	35	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 0
Prevailing direction, N
Total movement, 172
Average hourly velocity, 5.0

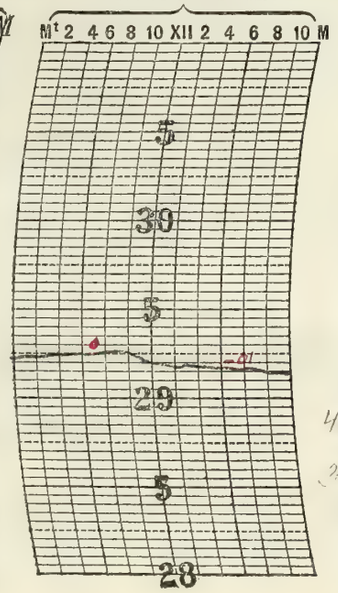
Maximum velocity,	Direction,	Time.
12	NW	Began 6:00 AM
Extreme velocity, 12	NW	6:03 AM

Relative humidity, 7 a. m., 91; 12 p. m., 77; 7 p. m., 59
Reduced barometer, 30.20 a. m., 30.09 p. m.
River gage, 29.51

THERMOGRAPH.



BAROGRAPH.



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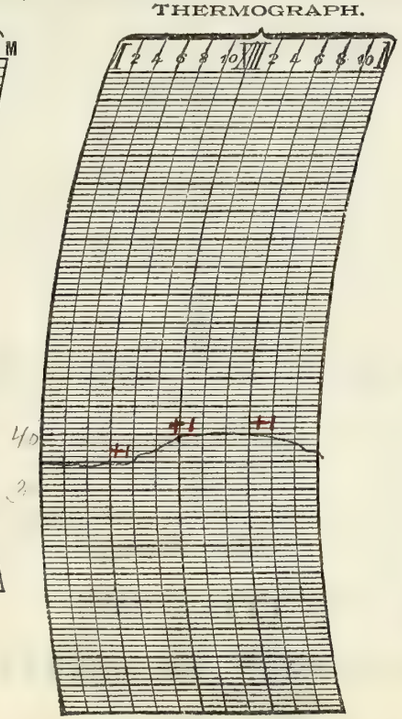


NOTES.

Cloudy and somewhat warmer weather. The snow covering disappeared during the forenoon.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Port Maitland, Ont., (Day of week) Thursday, (Date) October 25, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	33	32	32	[illegible]	37	40	43	45	[illegible]	49	48	49	48	44	43	[illegible]	41	40	39	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Pt. Cloudy														
Sunrise: Time, Character	6:01 Cloudy																				Sunset: Time, Character	4:46 Cloudy		
Sunshine (in tenths of hours)							0	0	0.3	0.3	0.9	0.9	10	10	10	0.4	0							
Wind direction	W	W	W	W	W	W	W	SW	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	E	SE	SE	SE
Wind movement	6	3	2	3	4	1	1	4	5	6	7	6	6	5	8	8	6	6	5	6	5	6	6	6
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

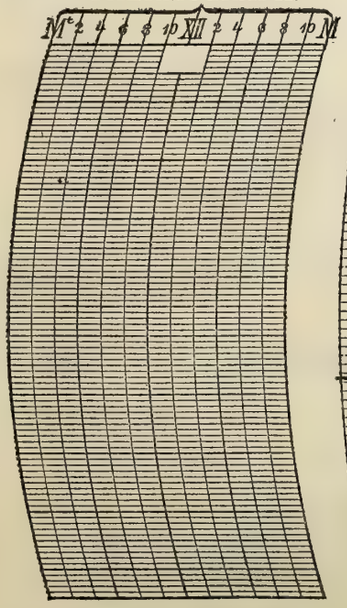
	Maximum.	Minimum.	Mean.	Normal.
Temperature	50	32	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy. Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.8
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 54
Prevailing direction, SE
Total movement, 121
Average hourly velocity, 5.0

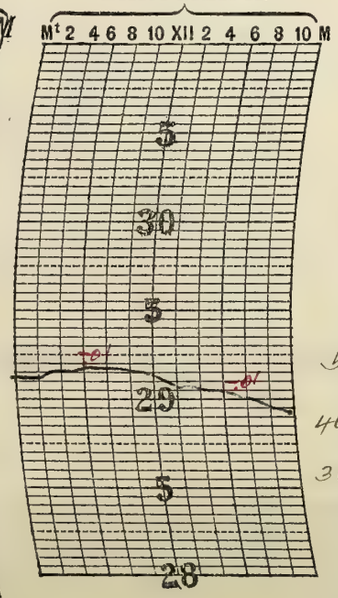
Maximum velocity,	Direction,	Time.
12	SE	Began 2:00 PM
Extreme velocity, 12	SE	2:00 PM

Relative humidity, 7 a. m., 78; 12 m., [illegible]; 7 p. m., 7[illegible]
Reduced barometer, 30.11 a. m. 29.96 p. m.
River gage, 2.7 ft.

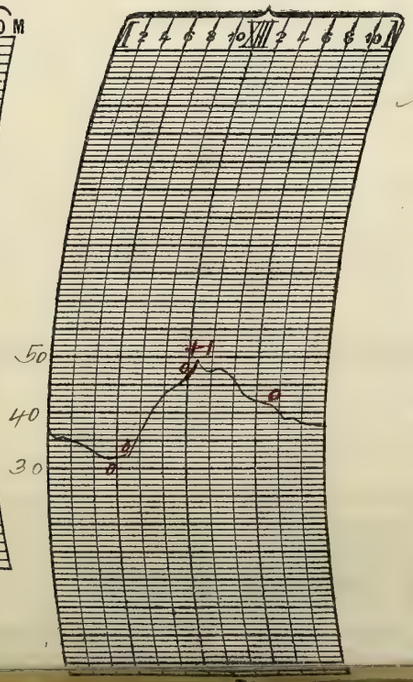
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy with moderate temperature, but freezing in the early morning. A lunar halo of 22° radius was observed at 6:40 pm.

Prepared by WSB
Verified by PMcD.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Friday, (Date) October 26, 1917

Time (local standard), 90 mer. — hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	41	41	41	42	42	43	44	45	45	46	48	48	44	43	43	44	44	[illegible]	44	44	43	41	41
State of weather: Nature of precipitation and time of beginning and ending					RB D.N	–	–	–	–	–	–	–	RE 1210 RB 1250	–	–	–	–	–	RE 610					
Amounts of precipitation					–	–	–	–	–	–	–	–	–	–	–	–	–	–	–					
Cloudiness and other conditions					←						Cloudy										→			
Sunshine (in tenths of hours)	Sunrise: Time, 6:05; Character, Cloudy						0	0	0	0	0	0	# 0.3	0	0	0	0				Sunset: Time, 4:45; Character, Cloudy			
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	9	9	10	10	9	11	14	16	17	17	14	26	32	28	24	20	18	15	16	17	10	8
Maximum velocities (exceeding 29 miles) direction and time														37 SW	37 SW 2:03	34 SW 3:03	31 SW 4:06							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

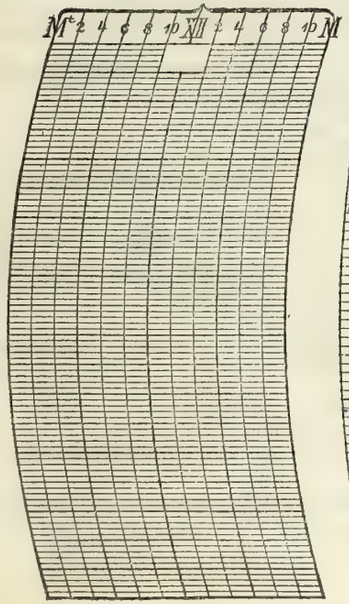
	Maximum.	Minimum.	Mean.	Normal.
Temperature	50	38	44.2	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.05 ins.; to 7 p. m., 2.6 ins.
Total precipitation, midnight to midnight, 3.2 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0.3
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 3
Prevailing direction, SW
Total movement, 360
Average hourly velocity, 15.3

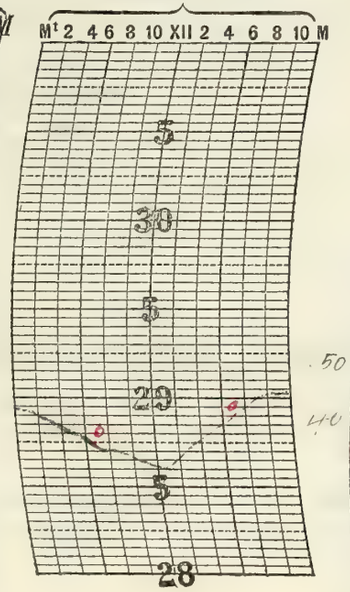
	Maximum velocity,	Direction,	Time.
	37	SW	Began 1:47 P.M.
Extreme velocity,	40	SW	1:47 P.M.

Relative humidity, 7 a. m., 80; 12 m., 54; 7 p. m., 80.
Reduced barometer, 29.69 a. m., 29.82 p. m.
River gage, 3.5 ft.

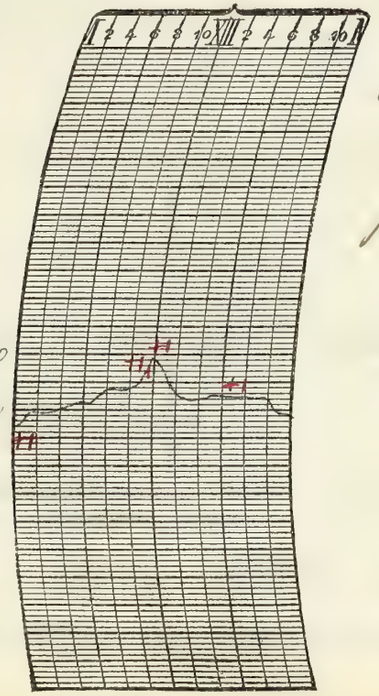
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Rain began during the night of the 25th and continued almost uninterruptedly until 6:10 p.m. Moderate temperatures prevailed. High southeast winds in afternoon.

* Sun shone through detached clouds

Prepared by HSB.
Verified by PMD

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) October 20, 1917

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	39	39	38	38	39	40	42	43	43	43	43
State of weather: Nature of precipitation and time of beginning and ending										R.B. 9:25	—	—
Amounts of precipitation										—	—	—
Cloudiness and other conditions						←		Cloudy				
Sunrise: Time, 6:06; Character, Cloudy												
Sunshine (in tenths of hours)		1					0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	SW
Wind movement	11	8	6	7	9	9	7	7	7	12	8	6
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	41	40	40	40	39	38	37	37	37	36	34
State of weather: Nature of precipitation and time of beginning and ending	—	—	R.E. 2:55									
Amounts of precipitation	—	—	—									
Cloudiness and other conditions							→	Clear				
Sunset: Time, 4:44; Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0					1		
Wind direction	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	11	15	10	11	15	10	9	9	10	9	8	8
Maximum velocities (exceeding 25 miles) direction and time												

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum. 43	Minimum. 34	Mean. 38	Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .40 ins.

Total precipitation, midnight to midnight, .40 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 0

Possible sunshine, hours, 10.6

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 222

Average hourly velocity, [illegible]

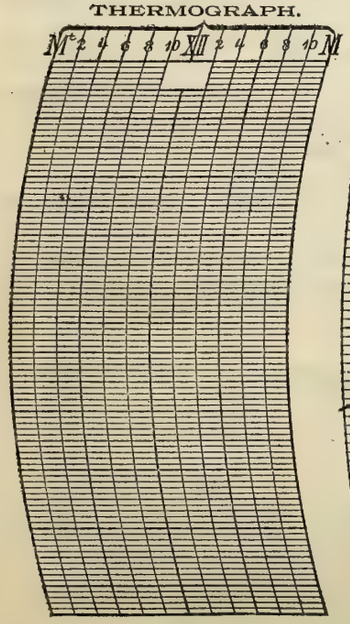
Maximum velocity,	Direction,	Time.
18	W	Began 1:34 P.M.
Extreme velocity, 20	W	1:34 P.M.

Relative humidity, 7 a. m., 82; 12 m., 82; 7 p. m., 91

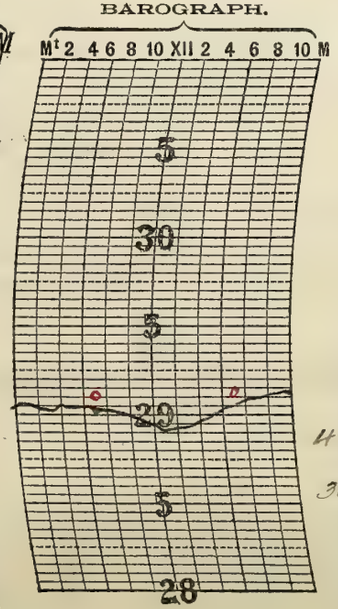
Reduced barometer, 29.96 a. m., 29.97 p. m.

River gage, 4.1 ft. [illegible]

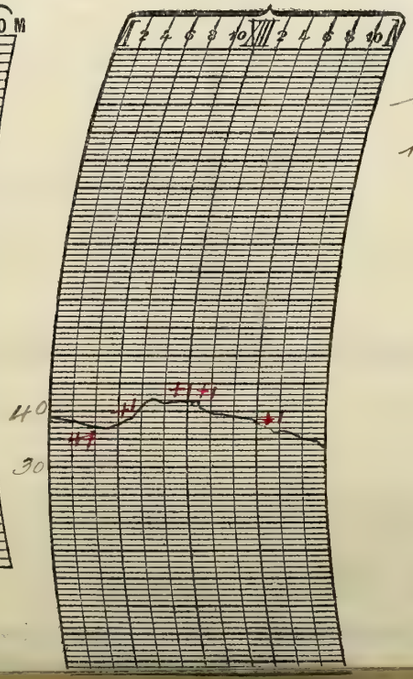
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool, cloudy and unpleasant weather with rain from 9.25 am to 2.55 pm. Clear after 6:15 pm.

Prepared by WSB

Verified by PMW.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Sunday, (Date) October 28, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	32	34	38	45	46	48	48	49	51	52	52	51	50	49	45	45	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:40	—	—	—	—	—
Amounts of precipitation																			—	—	—	—	—	—
Cloudiness and other conditions							Pt Cloudy			Cloudy			Pt Cloudy						Cloudy					
Sunrise: Time, 6:07 Character, Cloudy																								
Sunset: Time, 4:42 Character, Cloudy																								
Sunshine (in tenths of hours)							0	0.1	1.0	* 0.6	1.0	0.6	1.0	1.0	0.7	0.6	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	S	SW	S	S	SE	SE	SE	SE	SE	SE	E	SE	N	NE	NE	NE	NE
Wind movement	8	8	9	8	8	8	6	9	8	8	8	10	9	9	10	10	9	7	8	6	6	7	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
57	32	44.2	

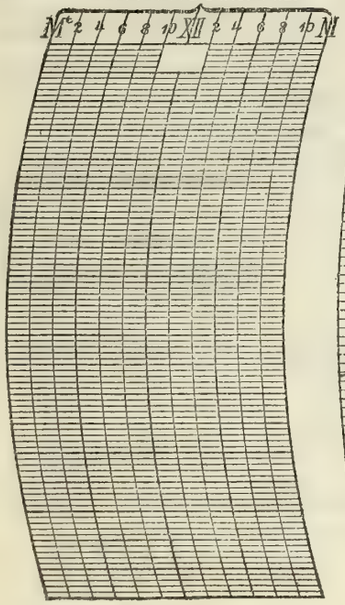
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .60 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.6
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 62
Prevailing direction, SE & SW
Total movement, 200
Average hourly velocity, 8.3

Maximum velocity, 13 Direction, NE Time. Began 11:29 PM
Extreme velocity, 15 E 10:37 PM

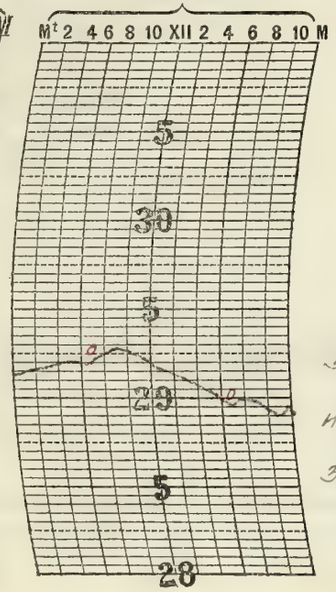
Relative humidity, 7 a. m., 86; 13 p. m., 48; 7 p. m., 56
Reduced barometer, 30.16 a. m., 29.91 p. m.

River gage, 4.9 ft.

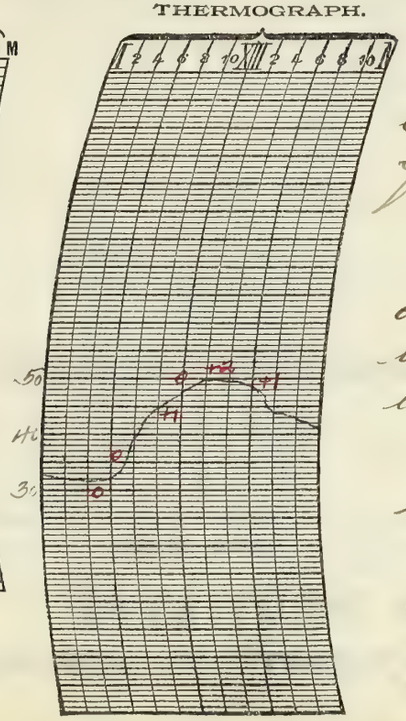
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

* Estimated.

NOTES.

Noon special observation ordered by Central Office, which was taken and forwarded.

* Sun shining through detached clouds

The day was generally partly Cloudy and quite pleasant until 6:40 p.m., when rain began, the rain continuing into the next day.

There were frequent flashes of lightning in the Northwest beginning at about 6 p.m., with the first thunder at 6:40 p.m.; the storm continued until after midnight.

Electric arc suspended slight distance

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Monday, (Date) October 28, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	43	46	48	50	50	50	56	57	57	56	55	56	56	52	48	45	44	43	36	33	32	31	29
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	PE 845 SMB 845	–	–	–
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cloudiness and other conditions											C 10													
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	S	SE	W	S	S	S	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	6	10	9	7	6	9	18	14	16	10	12	13	14	17	15	15	15	25	21	20	20	23
Maximum velocities (exceeding ___ miles) direction and time																					30 SW 8:02			

Sunrise: Time, 6:09; Character, Cloudy

Sunset: Time, 4:41; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	68	29	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .198 ins.; to 7 p. m., .56 ins.

Total precipitation, midnight to midnight, .196 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours,

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 329

Average hourly velocity, 13.7

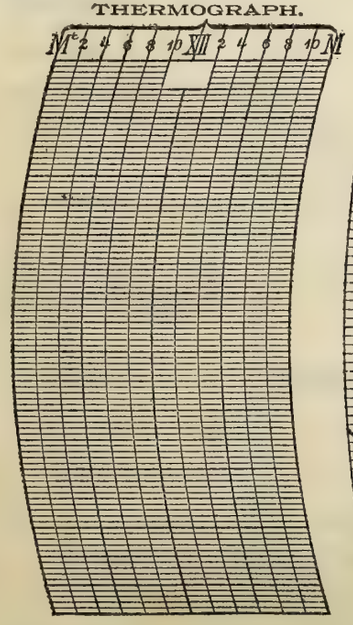
	Maximum velocity,	Direction,	Time.
	30	SW	Began 8:02 P.M.
Extreme velocity,	33	SW	8:02 P.M.

Relative humidity, 7 a. m., 93; 12 m., 94; 7 p. m., 92

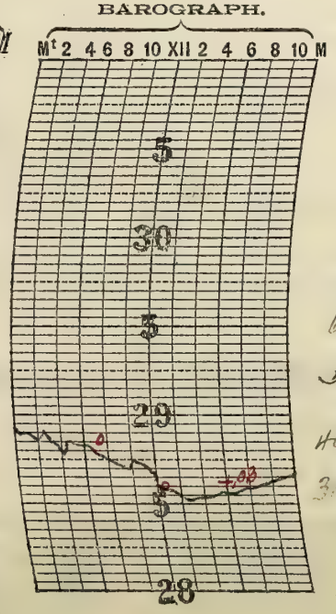
Reduced barometer, 29.68 a. m., 29.52 p. m.

River gage, 10.37

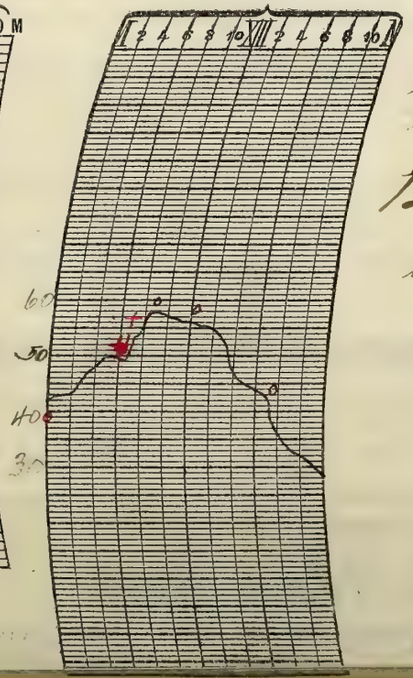
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



Prepared by WSB.

Verified by AMCO.

Ø Estimated.

NOTES.

The thunderstorm continued from last night ended during the night of the 28th.

A cold wave warning, indicating freezing or lower temperature in the next 24 hours, was received at 10:40 am.

The rain continued from last night turned into snow at 845 pm; the snow continued into the next day.

Moderate temperatures prevailed until the late afternoon, but the temperature fell decidedly between 2 pm and midnight.

The river rose rapidly from the day preceding, especially in the early morning. A crest stage of 15.5 feet predicted by the B.C.F.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) October 30, 1917

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	27	26	25	25	24	24	24	24	24	24	25	25	24	23	23	23	24	25	25	25	24	24	24
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	SM E D.N.							SD E 11:15	–	–	–	–	–	–	SD E 6:20					
Amounts of precipitation	–	–	–	–	–							–	–	–	–	–	–	–	–					
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0.8	0.2	0	0.3	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	W	W	W	W	SW	W	SW	SW	SW	SW
Wind movement	21	21	20	20	17	19	18	16	19	19	18	19	18	17	15	15	10	9	9	8	9	9	10	8
Maximum velocities (exceeding ? miles) direction and time																								

Sunrise: Time, 6:10; Character, Cloudy

Sunset: Time, 4:40; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
29	23	26	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0.04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, ϕ 0.2 inches.

Character of day, Cloudy Moon phase, Full Moon 12:19 AM

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.3

Possible sunshine, hours, 10.5

Percentage of possible sunshine, 12

Prevailing direction, W

Total movement, 364

Average hourly velocity, 11.7

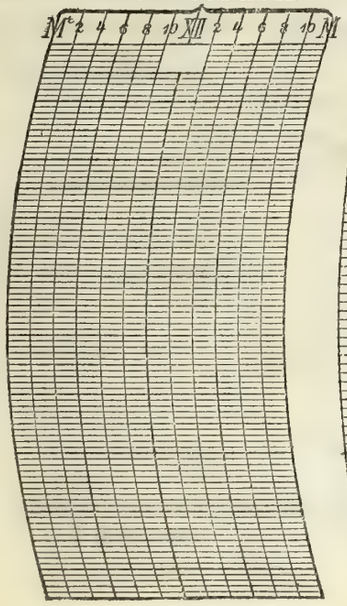
Maximum velocity,	Direction,	Time.
27	W	Began 10:30 am
Extreme velocity, 28	SW	12:24 am

Relative humidity, 7 a. m., 80; 12 p. m., 75; 7 p. m., 70

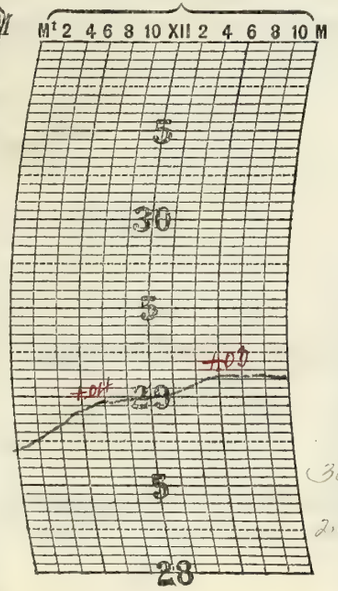
Reduced barometer, 29.93 a. m. 30.09 p. m.

River gage, 15.3

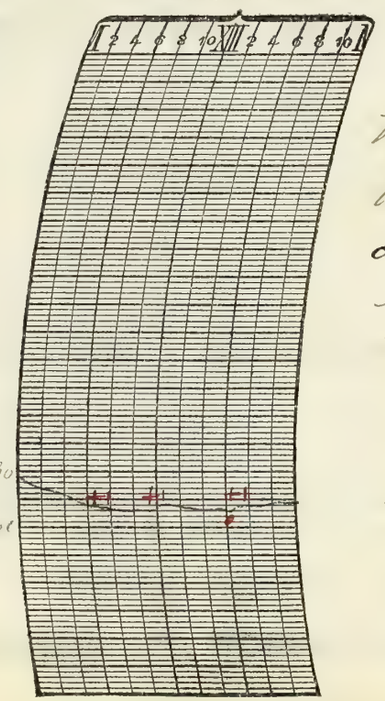
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



ϕ Estimated.

NOTES.

Unseasonably cold, with snow flurries during the greater part of the day.

A Cold wave occurred on this date. The greatest fall in temperature was 33° between 9 and 10 am of the 29th and 9 and 10 am of this date.

There was a marked rise in the river during the 24 hours ending 7 am, this date.

Prepared by WSL.

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) October 31, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	24	25	26	27	28	29	31	33	33	33	33	33	35	32	32	32	30	30	29	28	27	27	27
State of weather: Nature of precipitation and time of beginning and ending												SW 11:25	–	–	–	–	–	–	–	–	SW E 8:45			
Amounts of precipitation												–	–	–	–	–	–	–	–	–	–			
Cloudiness and other conditions												Clouded												
Sunrise: Time, 6:11; Character, Cloudy																					Sunset: Time, 4:35; Character, Cloudy			
Sunshine (in tenths of hours)		1					0	0	0	0.1	0	0	0	0	0	0	0					1		
Wind direction	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	SW	SW	SW	W	W	W	W	W	W	SW
Wind movement	8	8	7	7	7	7	6	8	8	8	7	10	8	6	6	8	8	11	10	11	8	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	20		

Total depth of snow for 24 hours ending 7 p. m., 1.5 inches.

Snow on ground 7 p. m., 1.5 inches.

Total snowfall, midnight to midnight, 1.5 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0.1

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 1

Prevailing direction, SW

Total movement, 189

Average hourly velocity, 7.9

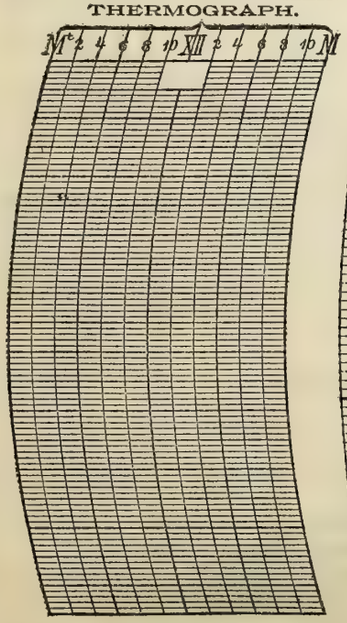
Maximum velocity,	Direction,	Time.
13	W	Began 7:09 P.M.
Extreme velocity, 13	W	7:09 P.M.

Relative humidity, 7 a. m., 76; 12 p. m., 80; 7 p. m., 95

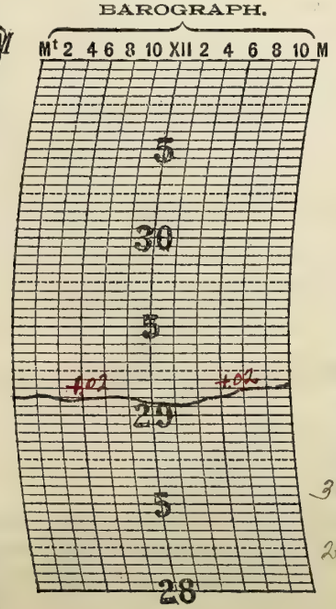
Reduced barometer, 30.07 a. m. 30.10 p. m.

River gage, 15.5 ft

THERMOGRAPH.



BAROGRAPH.



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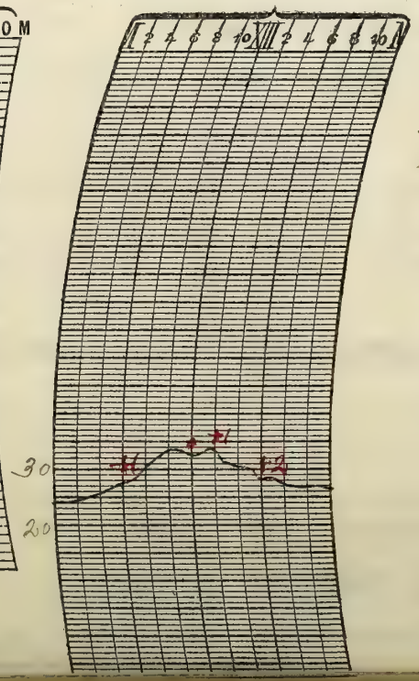


NOTES.

Cold, but rather pleasant until 11:25 a.m., when snow began and continued until 8:45 p.m.
The river crested at 15.5 ft.

Prepared by WSB

Verified by P.M.D.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) November 1, 1917

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	27	24	24	24	25	28	29	31	33	34	36	36	37	37	35	34	32	32	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending															SM 1:30 SM E 2:45									
Amounts of precipitation															—									
Cloudiness and other conditions								Clear					Pt. Cloudy			Cloudy			Pt. Cloudy					
Sunrise: Time, 6:12; Character, Cloudy																					Sunset: Time, 4:37; Character, Cloudy			
Sunshine (in tenths of hours)		1					0	0.5	1.0	1.0	1.0	1.0	0.7	0.2	0.1	0	0							
Wind direction	SW	W	W	W	SW	SW	SW	W	W	SW	W	W	W	W	W	W	W	W	W	NW	NW	NW	W	W
Wind movement	9	9	7	6	9	8	7	7	11	11	11	5	9	8	9	9	7	7	4	4	4	4	1	3
Maximum velocities (exceeding 2 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
	37	24	30	✓

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 5.5

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 53

Prevailing direction, W

Total movement, 177

Average hourly velocity, 7.4

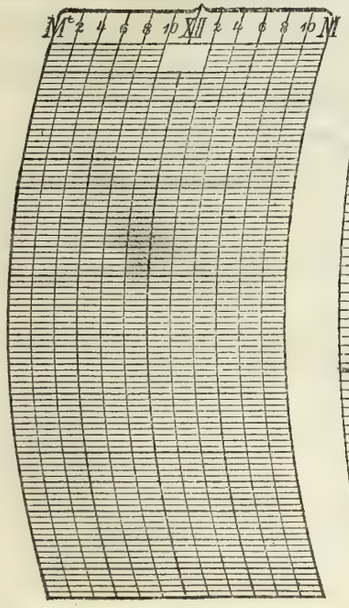
Maximum velocity,	Direction,	Time.
11	SW	Began 9:30 A.M.
Extreme velocity, 14	SW	9:34 A.M.

Relative humidity, 7 a. m., 83; 12 p. m., 72; 7 p. m., 74

Reduced barometer, 30.25 a. m. 30.38 p. m.

River gage,

THERMOGRAPH.



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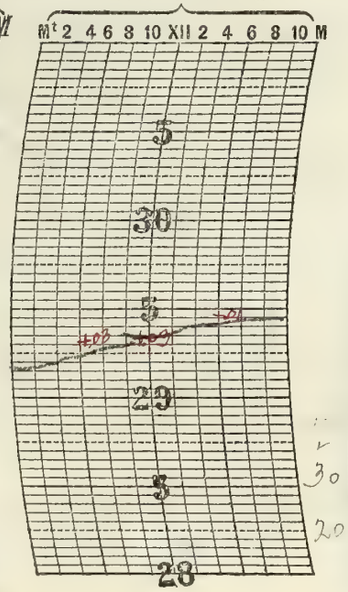
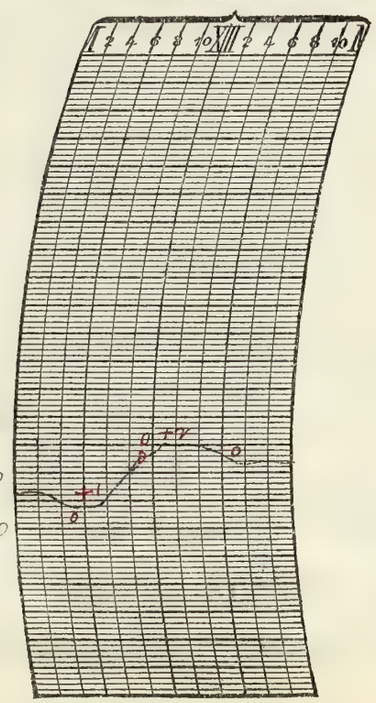


THERMOGRAPH.



NOTES.

Generally partly cloudy, cool and pleasant day.

Prepared by WSB

Verified by P.M.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) November 2, 191 7

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	32	32	32	32	32	32	34	35	36	37
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy				Pt Cloudy		Clear
Sunrise: Time, 6:13 Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0.9	0.5	0.9	1.0
Wind direction	W	W	NW	NW	NW	NW	W	NW	NW	NW	W	W
Wind movement	3	4	3	4	3	5	5	7	8	8	10	11
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	41	40	40	39	37	37	36	36	36	36	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy		Clear		Pt Cloudy		Cloudy					
Sunset: Time, 4:36 Character, Cloudy												
Sunshine (in tenths of hours)	0.9	0.5	0.7	0.7	0							
Wind direction	SW	W	W	W	W	W	SW	SW	SW	SW	SW	S
Wind movement	12	13	14	12	10	9	9	10	11	11	13	14
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, Pt Cloudy Moon phase, _____

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 6.1

Possible sunshine, hours, 10.4

Percentage of possible sunshine, 59

Prevailing direction, W

Total movement, 209

Average hourly velocity, 8.7

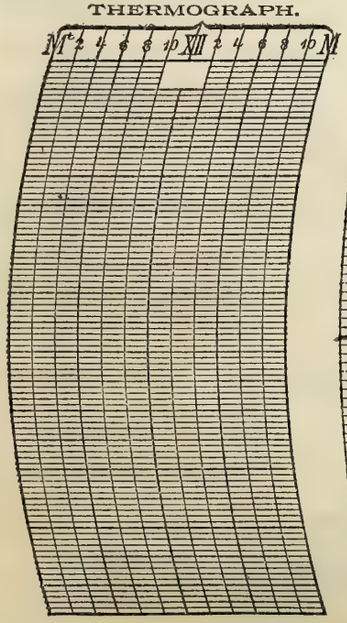
Maximum velocity,	Direction,	Time.
18	SW	Began 2:41 PM
Extreme velocity, 23	SW	2:41 PM

Relative humidity, 7 a. m., 79; 12 m., 55; 7 p. m., 57

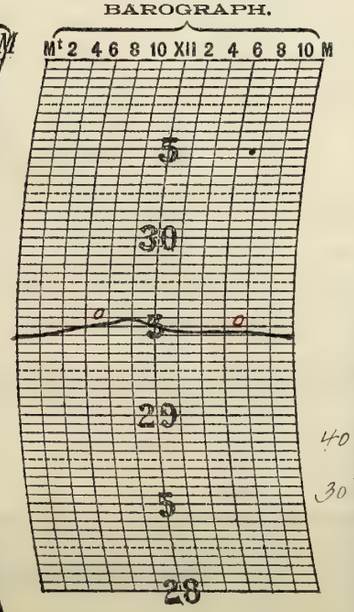
Reduced barometer, 30.47 a. m., 30.42 p. m.

River gage, 10.1 ft

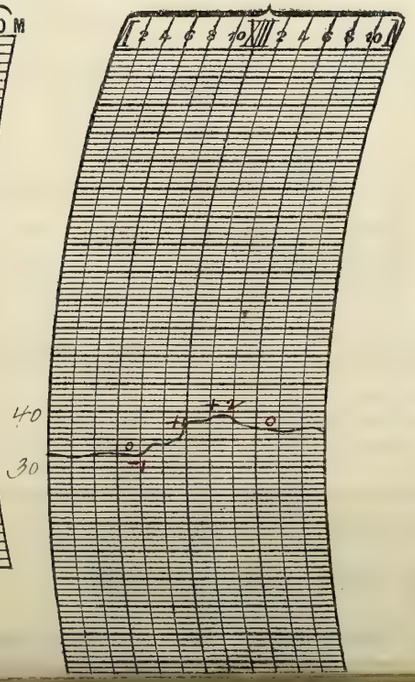
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Pleasant day with moderate temperature during day and freezing in early A.M.

Prepared by WSR

Verified by P.M.G.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) November 3, 1917

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	34	34	34	37	41	43	45	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions											Clear	
Sunrise: Time, Character,	6:15 Clear											
Sunshine (in tenths of hours)							0.75 0	0.5 0.5	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	13	12	16	16	16	16	14	14	15	11	11	8
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	55	55	54	54	51	49	44	43	41	39	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunset: Time, Character,									4:35 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.58 0							
Wind direction	W	W	W	W	W	NE	NE	NE	E	E	E	E
Wind movement	7	8	6	5	3	2	3	4	5	6	6	7
Maximum velocities (exceeding 29 miles) direction and time												

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
55	34	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 10.3

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 100

Prevailing direction, W

Total movement, 224

Average hourly velocity, 9.3

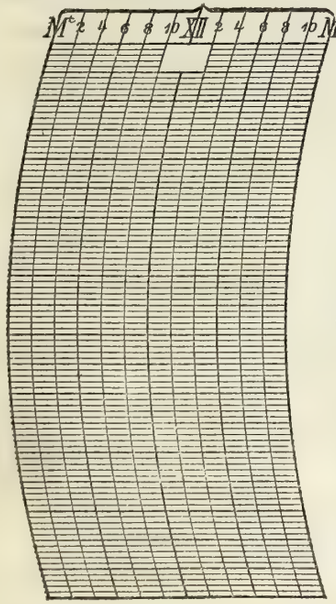
	Maximum velocity,	Direction,	Time.
Began	19	SW	3:11 am
Extreme velocity	20	SW	3:11 am

Relative humidity, 7 a. m., 68; 12 m., 41; 7 p. m., 69

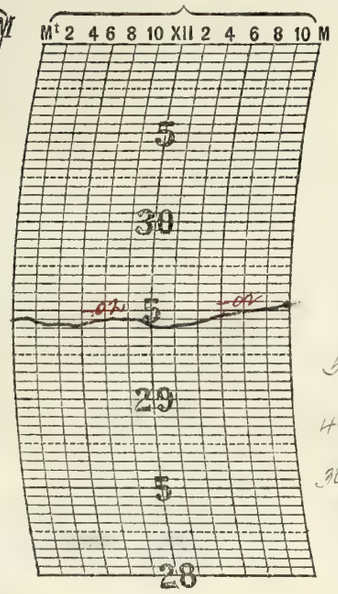
Reduced barometer, 30.37 a. m., 30.41 p. m.

River gage, 8.7 ft.

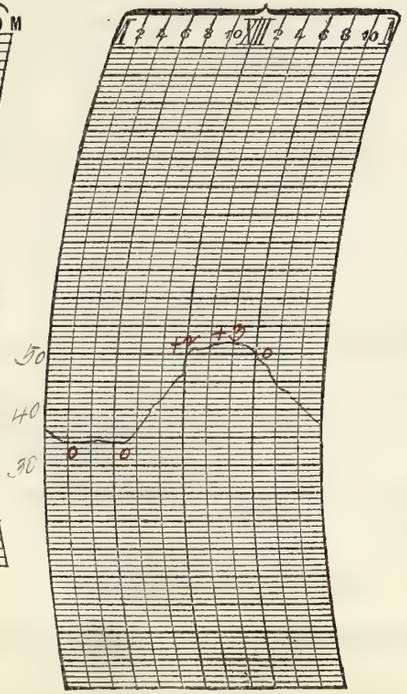
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally clear pleasant day with somewhat higher temperatures.

Prepared by WSN.

Verified by P. Mead

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) November 4, 1917

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	35	34	34	33	30	37	43	46	50	53	54	56	56	56	54	49	41	45	43	41	37	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
	Sunrise: Time, 6:16	Character, Clear																			Sunset: Time, 4:34	Character, Clear		
Sunshine (in tenths of hours)							0.73 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.14	0.57 0							
Wind direction	E	E	E	E	E	E	E	E	SE	SE	E	SE	E	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	5	6	6	6	6	7	7	5	6	4	6	5	7	5	6	5	5	7	7	6	6	5	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	33	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 0

Actual sunshine, hours, 10.3

Possible sunshine, hours, 10.3

Percentage of possible sunshine, 100

Prevailing direction, E

Total movement, 140

Average hourly velocity, 5.8

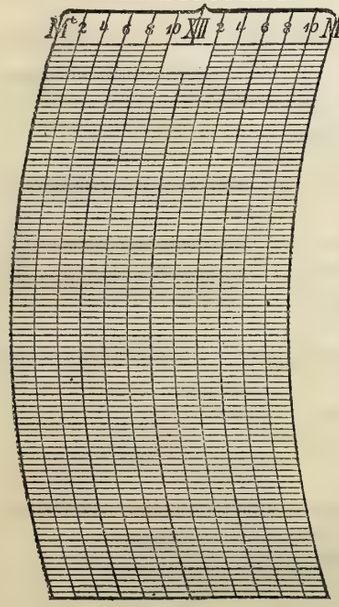
Maximum velocity,	Direction,	Time.
9	E	Began 5:52 A.M.
Extreme velocity, 9	E	5:52 A.M.

Relative humidity, 7 a. m., 80; 12 m., 58; 7 p. m., 73

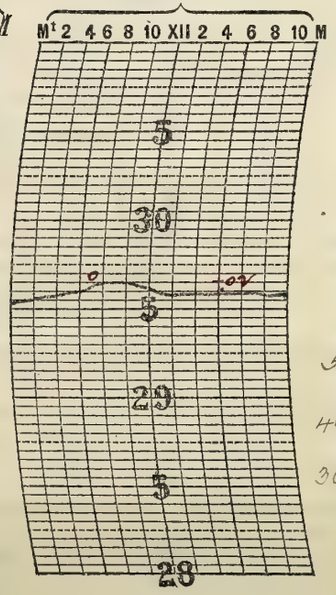
Reduced barometer, 30.57 a. m., 30.53 p. m.

River gage, 6.8 ft.

THERMOGRAPH.



BAROGRAPH.



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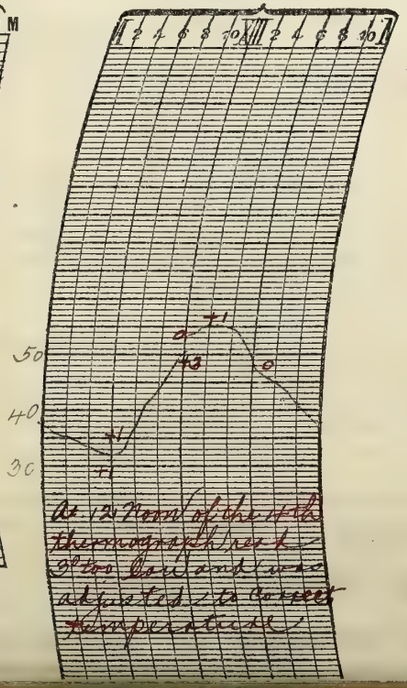


NOTES.

Clear, pleasant and warmer

Prepared by WSB.

Verified by PMA

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) November 5, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	36	36	34	33	35	45	52	57	60	64	64	66	66	65	63	59	56	55	53	52	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear													
Sunshine (in tenths of hours)							0.7 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.5 0							
Wind direction	E	E	E	E	E	E	E	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	4	3	2	2	3	2	4	7	8	8	9	10	10	11	6	6	6	6	4	5	6	7	7
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time, 6:17; Character, Clear

Sunset: Time, 4:32; Character, Clear

Maximum.	Minimum.	Mean.	Normal.
66	33	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 10.2

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 100

Prevailing direction, SW

Total movement, 142

Average hourly velocity, 5.9

Maximum velocity,	Direction,	Time.
12	SW	Began 2:06 P.M.
Extreme velocity, 12	SW	2:06 PM

Relative humidity, 7 a. m., 91; 12, p. m., 35; 7, p. m., 49

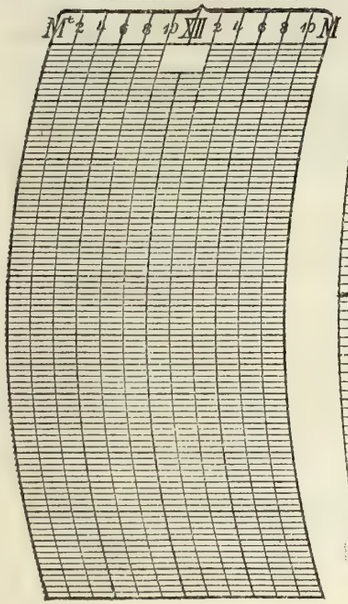
Reduced barometer, 30.51 a. m., 30.34 p. m.

River gage, 5.6 ft.

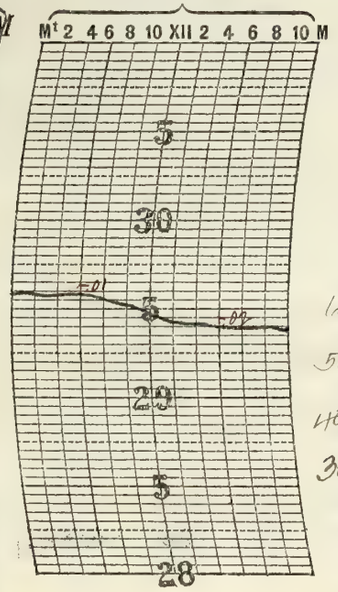
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

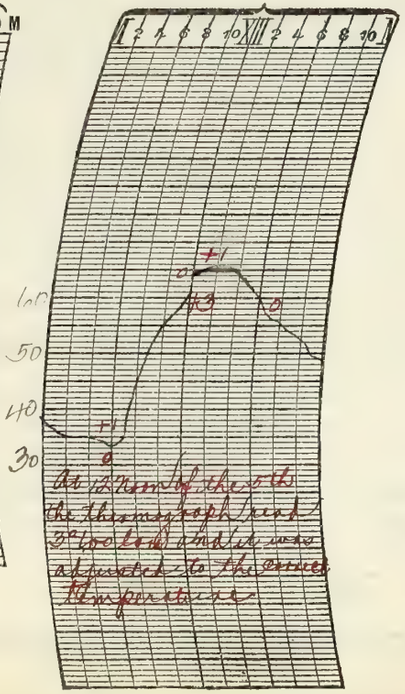
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Warm pleasant day

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) November, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	48	47	45	44	43	43	43	46	49	58	60	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										C	l	e
Sunrise: Time, Character,	6:18 Clear											
Sunshine (in tenths of hours)							0.70 0	0.8 0.2	0.7	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	5	6	6	7	8	8	6	8	9	6	5	5
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	67	68	68	64	62	59	47	43	42	42	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	a	v										
Sunset: Time, Character,									4:31 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	0.52 0							
Wind direction	SW	SW	W	SW	W	NW	NW	NE	E	E	E	E
Wind movement	7	7	7	6	4	5	6	13	14	12	12	10
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	62	40	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Last quarter

Average daily cloudiness (0–10), Few

Actual sunshine, hours, 9.9

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 97

Prevailing direction, SW

Total movement, 182

Average hourly velocity, 7.6

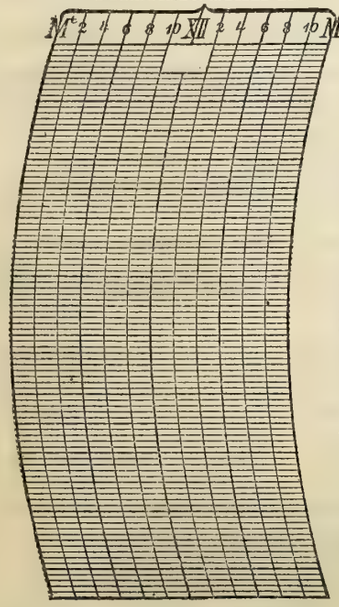
	Maximum velocity.	Direction,	Time.
Extreme velocity,	17	E	Began 7:59 P.M.
	19	E	8:08 P.M.

Relative humidity, 7 a. m., 72; 12 m., 32; 7 p. m., 50

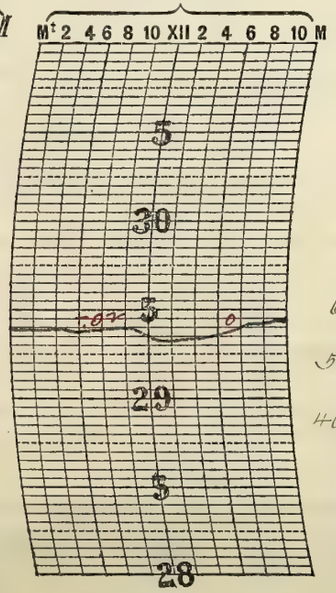
Reduced barometer, 30.31 a. m., 30.01 p. m.

River gage, 4.8 ft.

THERMOGRAPH.



BAROGRAPH.



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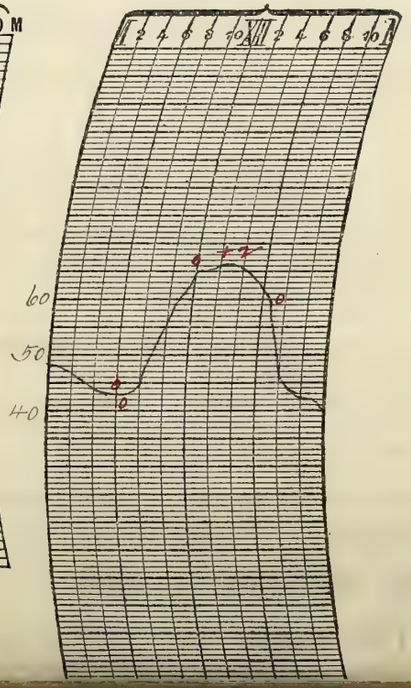


NOTES.

Warm and pleasant with a lifting wind

Prepared by WSB

Verified by [illegible]

Form No. 1012—Sec. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) November 7, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	37	36	35	34	33	34	37	37	39	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear			Cloudy		Cloudy			
Sunrise: Time, 6:19; Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	0	0.7	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	7	6	4	6	4	7	6	7	6	7	7	4
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	48	48	49	48	47	44	42	40	38	37	35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear								
Sunset: Time, 4:30; Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	NE	E	SE	E	E	E	E	E	E	E	E	E
Wind movement	6	5	4	5	3	4	5	7	8	6	6	7
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
49	33	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 6.2

Possible sunshine, hours, 10.2

Percentage of possible sunshine, 61

Prevailing direction, E

Total movement, 137

Average hourly velocity, 5.7

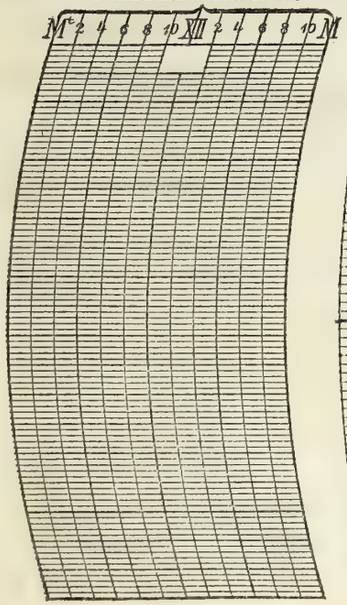
	Maximum velocity,	Direction,	Time.
	9	SE	Began 9:27 A.M.
Extreme velocity,	9	SE	9:27 A.M.

Relative humidity, 7 a. m., 94, 12 p. m., 64; 7 p. m., 67

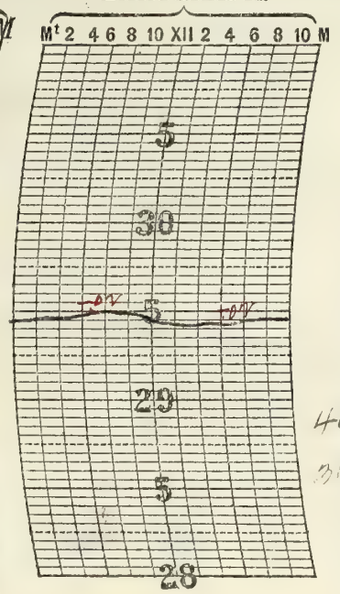
Reduced barometer, 30.42 a. m., 30.27 p. m.

River gage, 4.4 ft.

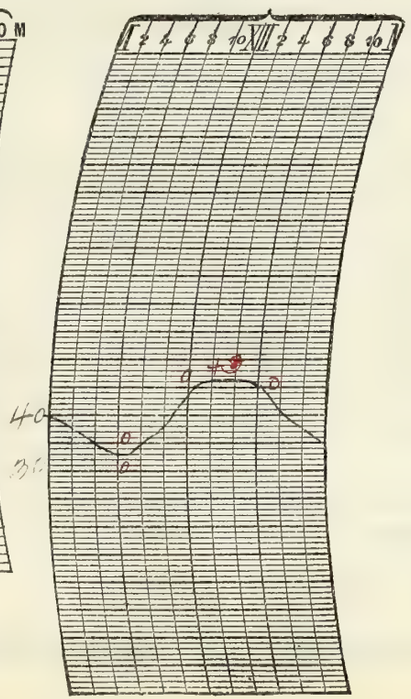
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Clear and pleasant after 11:00 A.M. but somewhat cooler.

Prepared by WSH

Verified by T. M. B.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) November 1, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	32	32	32	31		31	31	31	33	49	50	52	53	52	52	49		45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt. Cloudy			Clear			Lt. Haze							Dense Haze		Clear				
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	0.9	1.0	1.0	1.0	0.5	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	5	3	4	4	6	6	6	6	7	4	3	4	3	3	5	4	5	5	6	6	6	5	4
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6.21 Character, Cloudy

Sunset: Time, 4:29 Character, Hazy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____1____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
53	31	42.4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0–10), 1

Actual sunshine, hours, 6.3

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 62

Prevailing direction, E

Total movement, 1

Average hourly velocity, 4.8

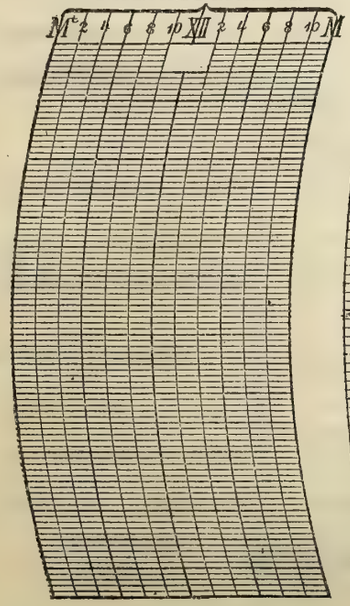
	Maximum velocity,	Direction,	Time.
Extreme velocity,	8	E	Began 8:54 A.M.
	8	E	8:54 A.M.

Relative humidity, 7 a. m., 89; 12 m., 61; 7 p. m., 66

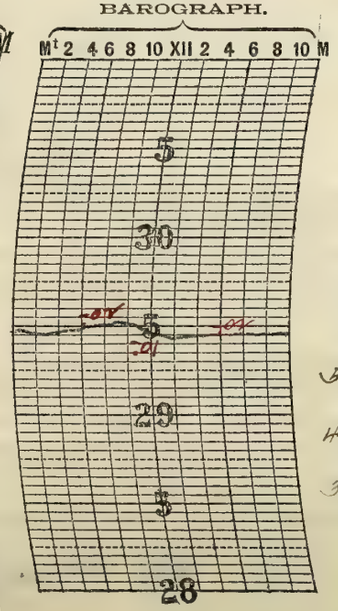
Reduced barometer, 30.42 a. m., 30.39 p. m.

River gage, 4.1 ft.

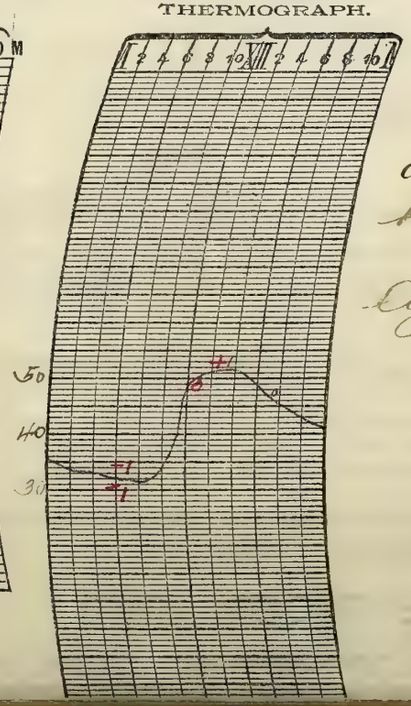
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

From eye observations

Light haze near the horizon during the day and dense haze in the evening.

Pleasant temperature, with light easterly breezes

Prepared by WSB.

Verified by PMG.

Form No. 1012—Mod. F.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) November 9, 191

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	41	39	39	38	37	37	38	40	44	51	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, 6:22; Character, Clear												
Sunshine (in tenths of hours)							0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	NE	E	E	E	E	E	E	E	NE
Wind movement	3	2	3	3	3	3	1	1	1	1	2	2
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	61	61	60	58	56	54	52	50	48	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunrise: Time, Character,									Sunset: Time, 4:28; Character, Hazy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7							
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	NE	NE
Wind movement	2	4	4	3	4	4	3	2	2	3	2	2
Maximum velocities (exceeding 24 miles) direction and time												

Light haze — Dense haze near horizon — Lt. haze

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
61	37	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 0

Actual sunshine, hours, 9.8

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 97

Prevailing direction, E

Total movement, 60

Average hourly velocity, 2.5

Maximum velocity, 5 Direction, NE Time. Began 5:10 p.m.

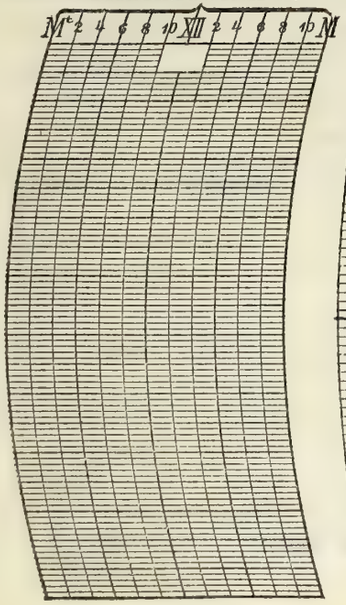
Extreme velocity, 5 NE 6:10 p.m.

Relative humidity, 7 a. m., 76; 12 m., 51; 7 p. m., 63

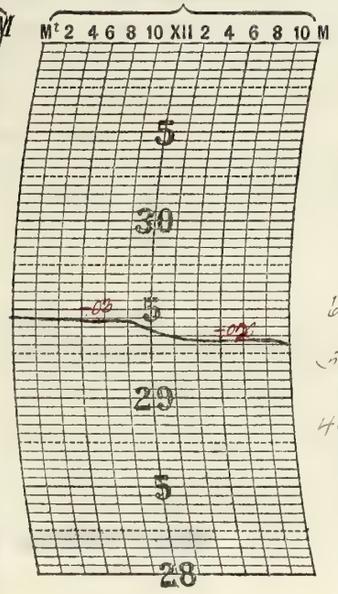
Reduced barometer, 30.36 a. m., 30.25 p. m.

River gage, 3.8 ft.

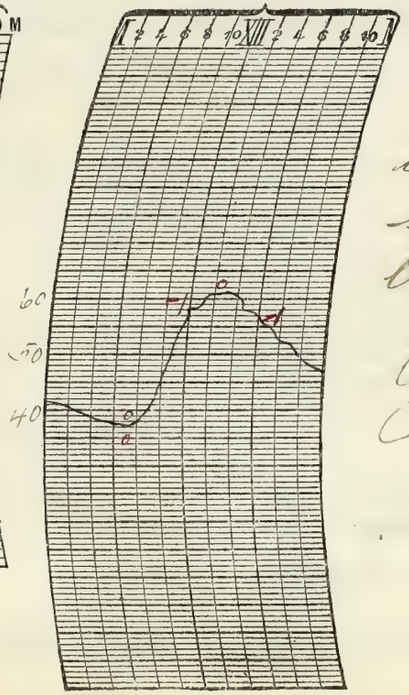
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

From eye observations.

Light haze until about 9 am, when it became dense and continued so until aftersunset. Sunset obscured by haze and smoke.

Pleasant temperature, with light easterly winds.

Prepared by WSA

Verified by P. McG

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) November 16, 1917

Time (local standard), 75th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	40	38	35	35	40	47	54	57	60	62	62	61	59	58	56	54	48	50	48	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions		Dense fog					Clear																	
							Lt. fog								Lt haze						Lt fog			
Sunrise: Time, Character	6:23 Foggy																							
Sunset: Time, Character																					4:27 Cloudy			
Sunshine (in tenths of hours)							0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2							
Wind direction	0	NE	0	NE	NE	NE	SW	SW	SW	SW	SW	SW	SW	SW	0	NE	NE	E	E	E	SE	E	S	S
Wind movement	0	2	0	2	3	1	3	1	2	1	2	1	1	1	0	1	3	2	1	1	2	1	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	62	35	48.8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., ___ ins.; to 7 p. m., ___ ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, 8.9

Possible sunshine, hours, 10.1

Percentage of possible sunshine, 88

Prevailing direction, SW

Total movement, 35

Average hourly velocity, 1.5

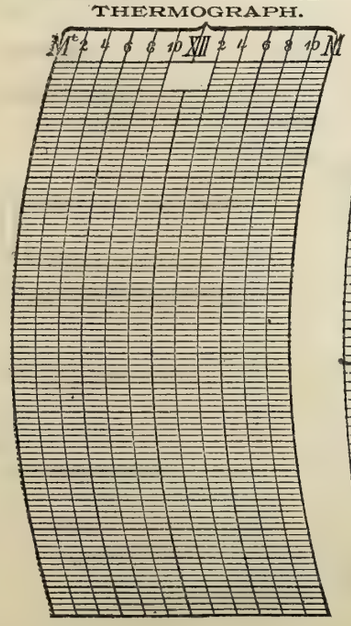
Maximum velocity,	Direction,	Time.
5	NE	Began 4:15 am
Extreme velocity, 6	NE	4:15 am

Relative humidity, 7 a. m., 100; 12 m., 61; 7 p. m., 68

Reduced barometer, 30.19 a. m. 30.09 p. m.

River gage, 3.6 ft

THERMOGRAPH.



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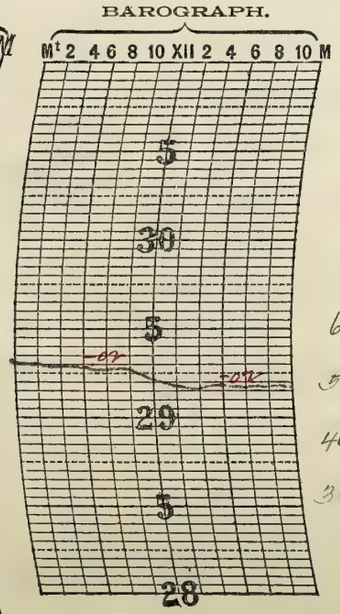

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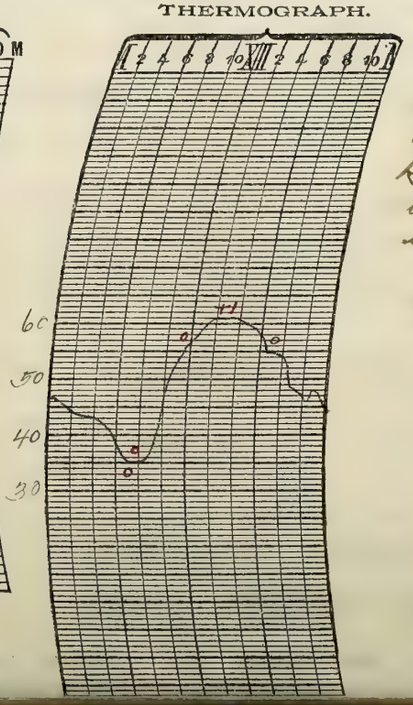


NOTES.

Dense fog set in during the night of the a. m. and ended at 6:30 am; light fog from 6:30 am to 9:30 am, and again from 5 pm. At 6:40 am the sky was clear overhead but the fog was quite dense at lower elevations.

Light haze prevailed during much of the day, and smoke clouds hugged the horizon and low elevations.

Pleasant temperature, with light variable winds.

Prepared by WSB.

Verified by [illegible]

Form No. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) November 11, 1917

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	40	38	35	35	34	36	38	42	46	48	52	55	55	56	55	55	53	52	51	49	48	45	42
Nature of precipitation and time of beginning and ending																T.B. 3:45 R.E. 3:50								
Amounts of precipitation																T								
Cloudiness and other conditions	Sh. fog			Dense fog					Cloudy				Sh. fog						Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.6	0.9	0	0	0							
Wind direction	O	S	S	NE	E	E	E	O	W	W	W	N	O	NE	N	NE	NE	NE	NW	NW	N	NW	N	N
Wind movement	0	1	1	1	1	1	2	0	1	1	2	1	0	1	2	1	1	2	3	1	3	4	6	6
Maximum velocities (exceeding ___ miles) direction and time																								

State of weather.

Sunrise: Time, 6:24; Character, Foggy

Sunset: Time, 4:26; Character, Cloudy

Temperature	Maximum.	Minimum.	Mean.	Normal.
	56	34	45	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 1.5

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 15

Prevailing direction, N & NE

Total movement, 42

Average hourly velocity, 1.8

	Maximum velocity,	Direction,	Time.
Extreme velocity	7	N	Began 10:59 P.M.
	7	N	10:59 P.M.

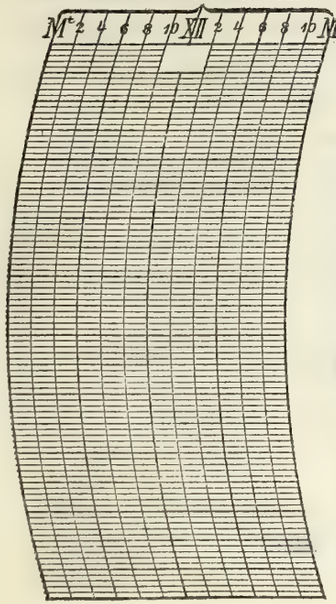
Relative humidity, 7 a. m., 95; 12 p. m., 78; 7 p. m., 70

Reduced barometer, 30.09 a. m., 30.08 p. m.

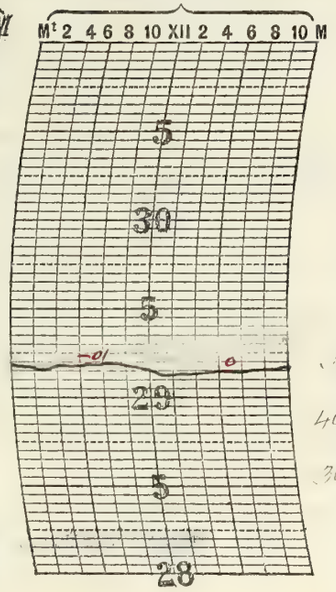
River gage, 3.2 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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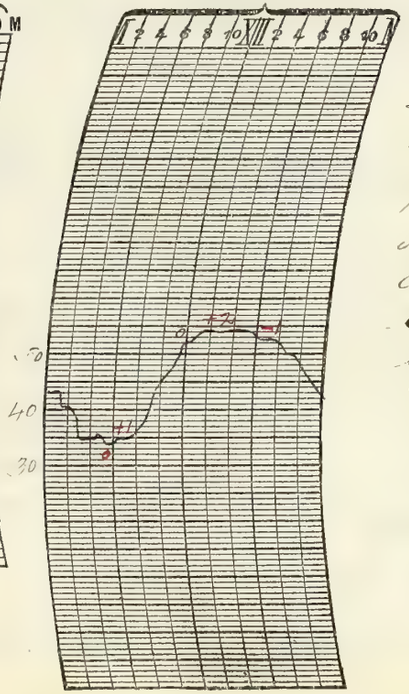


NOTES.

Fog prevailed during the day; it was light in the early hours of the morning, changing to dense fog probably about 4 a.m. and back to light at 7:30 a.m. the light fog lifting at about 6 p.m. The day was generally cloudy although there was some sunshine between 12 noon and 2 p.m. A light shower occurred from 3:45 p.m. to 3:50 p.m. Temperatures were moderate with light variable winds.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) November [illegible], 191

Time (local standard), 75th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	38	38	38	37	37	[illegible]	37	38	39	39	[illegible]	42	42	42	42	42	40	39	39	38	38	38	37
State of weather: Nature of precipitation and time of beginning and ending																RB 3:45	[illegible] 4:10	RB 5:10	RE 6:30		RB 9:00		RE HN	
Amounts of precipitation																T	T	T	T		T	T	T	
Cloudiness and other conditions			1 — Dense fog —							10	Cloudy													
											8	fog												
Sunrise: Time, Character	6:25 Foggy																				Sunset: Time, Character			
																					4:25 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE
Wind movement	5	8	7	8	8	8	8	8	8	7	8	9	7	8	10	9	9	10	12	11	11	10	10	10
Maximum velocities (exceeding ---- miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

---- hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	37	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours,

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 0

Prevailing direction, NE

Total movement,

Average hourly velocity, 8.7

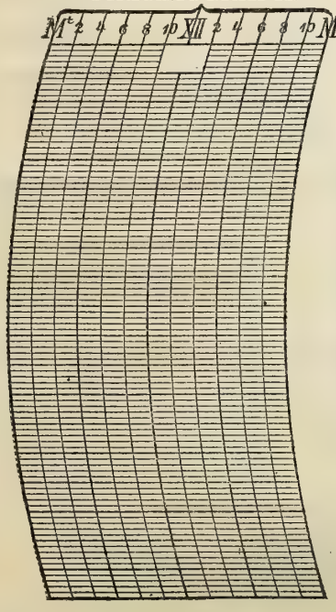
Maximum velocity,	Direction,	Time.
14	NE	Began 6:39 PM
Extreme velocity, 15	NE	5:35 PM

Relative humidity, 7 a. m., 100; 12 m., 96; 7 p. m., 95

Reduced barometer, 30.13 a. m., 30.21 p. m.

River gage, 3.3 ft

THERMOGRAPH.



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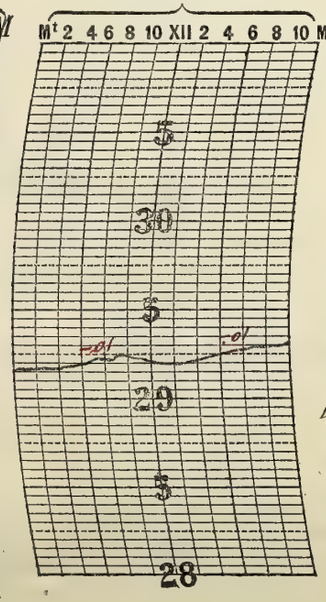

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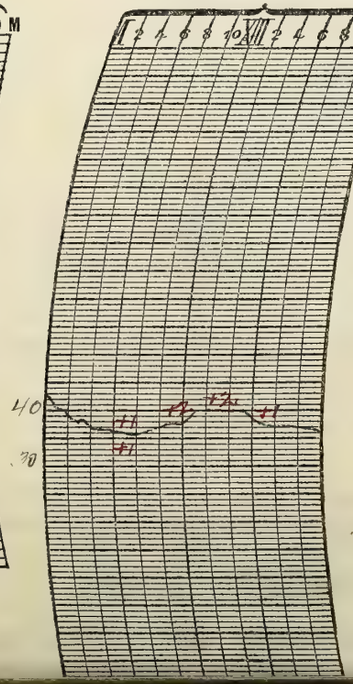


NOTES.

Dense fog which began during the night of the am faded into light fog at 9:45 am, the light continuing until 6:00 pm. Drizzling rain occurred at intervals during the afternoon and night. The day was moderately cool and unpleasant.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) November 13, 1917

Time (local standard), 9 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	37	37	36	36	37	37	38	40	43	45	47	49	50	49	47	46	43	41	40	38	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy				Pt. Cloudy			Clear		Pt. Cloudy			Clear						
Sunrise: Time, 6:26; Character, Cloudy																					Sunset: Time, 4:25; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.9	1.0	1.0	1.0	0.9	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	N
Wind movement	9	9	9	10	10	8	9	6	7	9	8	8	7	7	7	6	6	5	5	4	3	5	3	2
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	50	36	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 71 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy. Moon phase,

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 4.8

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 48

Prevailing direction, NE

Total movement, 162

Average hourly velocity, 6.8

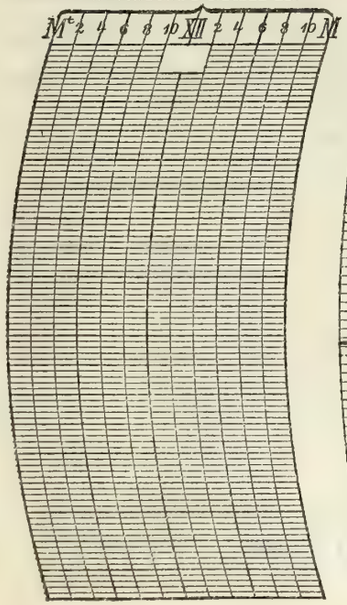
	Maximum velocity,	Direction,	Time.
	13	NE	Began 3:37 AM
Extreme velocity,	13	NE	3:37 AM

Relative humidity, 7 a. m., 91; 12 p. m., 65; 7 p. m., 68

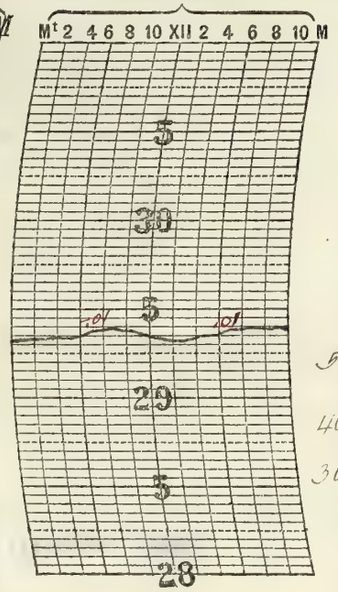
Reduced barometer, 30.30 a. m., 30.31 p. m.

River gage, 3.3 ft

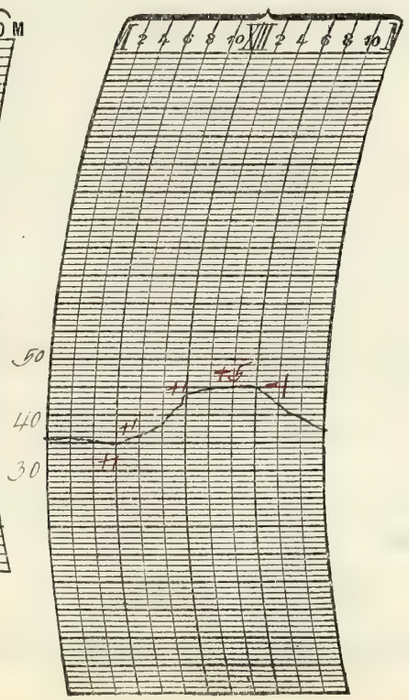
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by N.S.R.

Verified by C. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) November 14, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	34	33	33	33	33	[illegible]	36	40	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										C	10	[illegible]
Sunrise: Time, 6:28 Character, Clear												
Sunshine (in tenths of hours)							0.53 / 0	0.7 / 0.3	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW
Wind movement	3	3	4	3	4	5	3	2	3	2	2	3
Maximum velocities (exceeding 21 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	53	54	52	52	47	43	41	40	40	39	[illegible]
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	[illegible]											
Sunset: Time, 4:24 Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5	0							
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	5	5	5	5	6	6	6	8	10	10	9	9
Maximum velocities (exceeding 21 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	33		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, Full Moon 12:37

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 9.0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 91

Prevailing direction, N

Total movement, 131

Average hourly velocity, 5.5

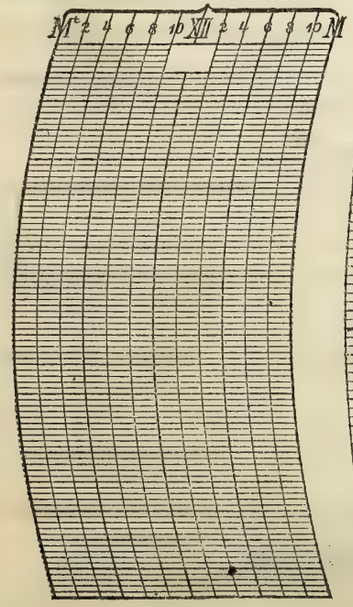
Maximum velocity,	Direction,	Time.
13	W	Began 8:46 P.M.
Extreme velocity, 15	W	9:35 P.M.

Relative humidity, 7 a. m., 89; 12 p. m., 50; 7 p. m., 87

Reduced barometer, 30.37 a. m. 30.31 p. m.

River gage, 2.9 ft.

THERMOGRAPH.



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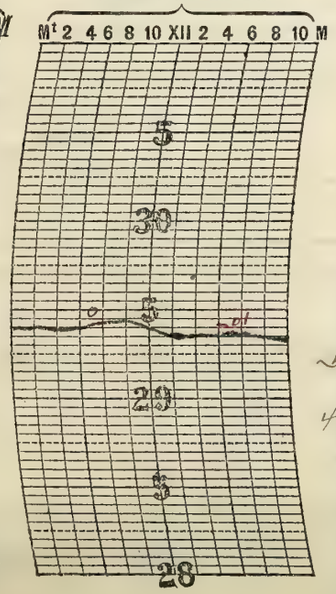

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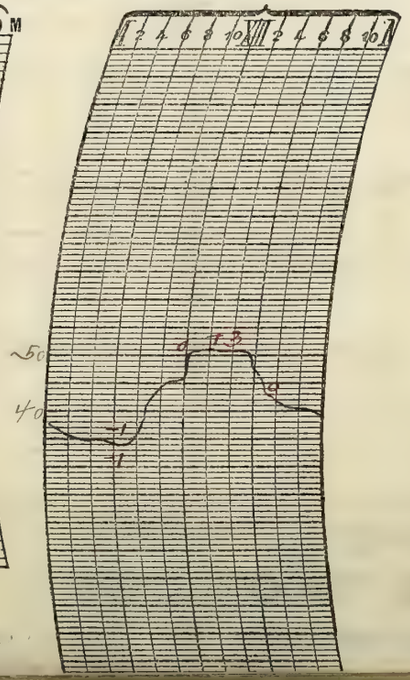


NOTES.

The day was generally clear with pleasant temperatures but the sunset was cloudy.

Prepared by [illegible]

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) November 15, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	36	36	35	35	33	33	34	34	35	37	37	38	39	40	40	39	3[illegible]	38	37	37	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			43 Cloudy				7 Dense fog		1 Lt fog				Cloudy						Partly	Clear				
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	W	W	N
Wind movement	8	9	13	10	10	10	11	11	10	9	11	11	12	10	11	8	6	6	7	5	5	4	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6:29; Character, Foggy

Sunset: Time, 4:23; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
40	33	36	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 0

Prevailing direction, W

Total movement, 207

Average hourly velocity, 8.6

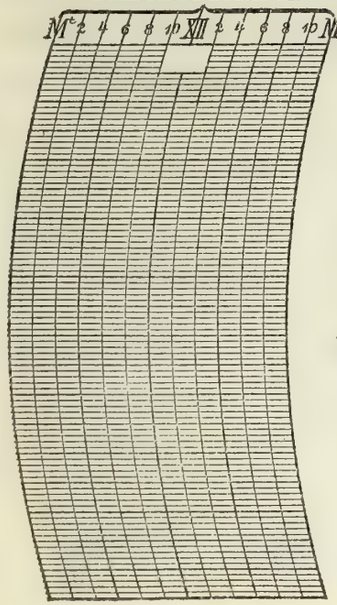
Maximum velocity,	Direction,	Time.
15	W	Began 12:29 PM
Extreme velocity, 16	W	2:11 AM

Relative humidity, 7 a. m., 95; 12 p. m., 91; 7 p. m., 89

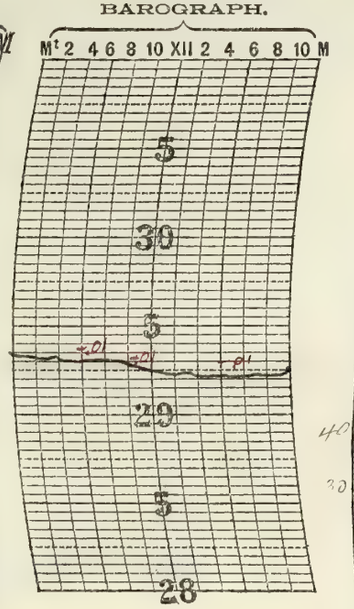
Reduced barometer, 30.24 a. m., 30.15 p. m.

River gage, 3.[illegible]

THERMOGRAPH.



BAROGRAPH.



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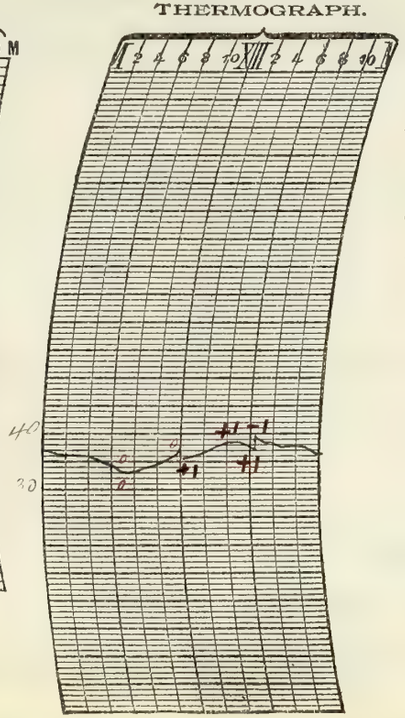


NOTES.

The early morning was cloudy, but dense fog began almost suddenly at 6.20 a.m., dissolving into light fog at 8.30 a.m., the light fog lasting until 3.25 p.m. Moderately cool and generally unpleasant.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) November 16, 1917

Time (local standard), 40 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	37	37	37	37	37	37	38	40	40	41	43	45	46	46	46	44	42	41	41	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy							Pt Cloudy			Clear								
Sunrise: Time, 6:30; Character, Cloudy																					Sunset: Time, 4:22; Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0	0	07	10	09	08	0.37							
Wind direction	N	N	NE	NE	N	N	W	W	NW	W	W	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	1	3	5	5	3	4	3	4	3	4	4	4	6	5	4	5	6	6	7	5	5	5
Maximum velocities (exceeding 7 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	36	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.0

Possible sunshine, hours, 9.9

Percentage of possible sunshine, 40

Prevailing direction, SW

Total movement, 123

Average hourly velocity, 4.7

Maximum velocity, 7 Direction, SW Time. Began 8:42 P.M.

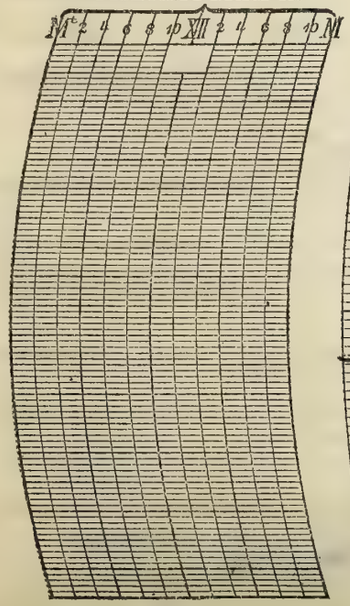
Extreme velocity, 7 SW 8:42 P.M.

Relative humidity, 7 a. m., 89; 2 p. m., 77; 7 p. m., 84

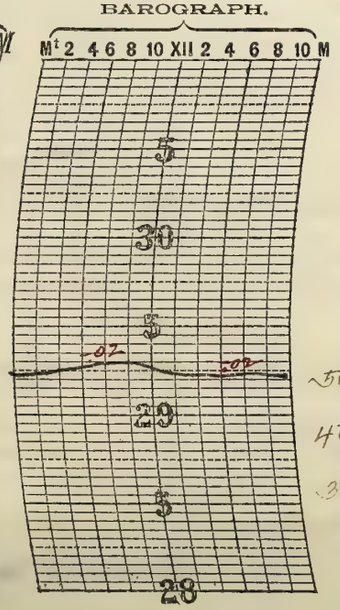
Reduced barometer, 30.22 a. m., 30.16 p. m.

River gage, 3.6

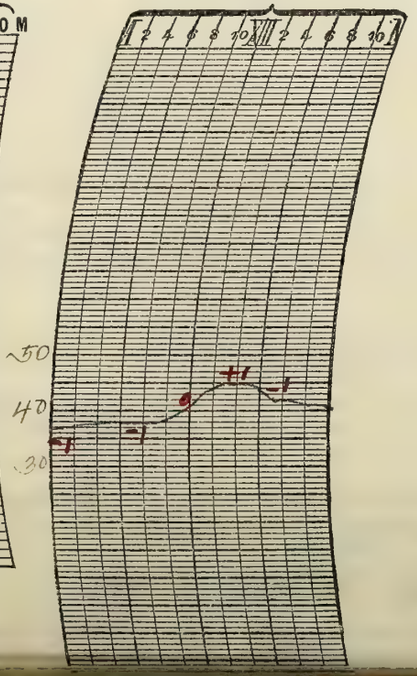
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) November 17, 1917

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	38	38	38	38	39	43	50	55	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Clear		
Sunrise: Time, Character,	6:31 Clear											
Sunshine (in tenths of hours)							0.48 0	1.0 0	0.7 0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	5	6	5	6	5	5	4	6	7	7
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	64	64	62	58	57	56	53	52	52	51	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:21 Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7 0.6	0.35 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	8	5	6	6	4	8	7	7	6	6
Maximum velocities (exceeding 29 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

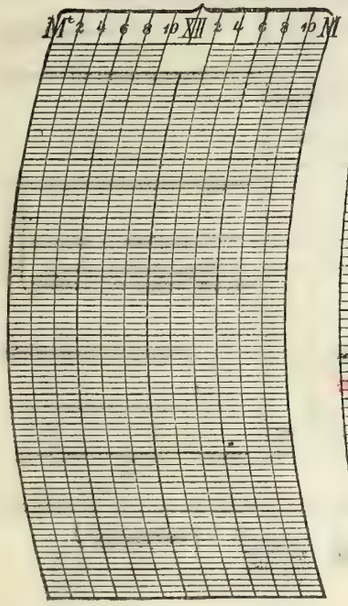
Maximum.	Minimum.	Mean.	Normal.
64	38	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.6
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 98
Prevailing direction, SW
Total movement, 142
Average hourly velocity, 5.9

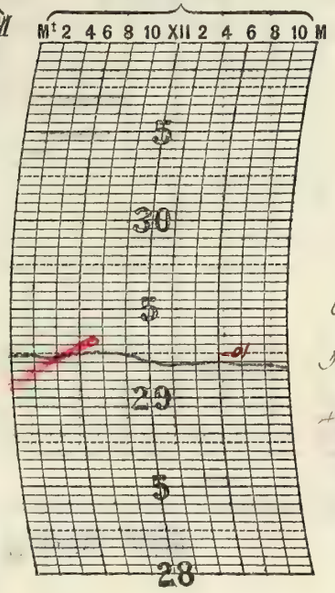
Maximum velocity,	Direction,	Time.
11	SW	Began 10:54 A.M.
Extreme velocity, 11	SW	10:54 A.M.

Relative humidity, 7 a. m., 91; 12 m., 55; 7 p. m., 71
Reduced barometer, 30.21 a. m., 30.11 p. m.
River gage, 2.9 ft.

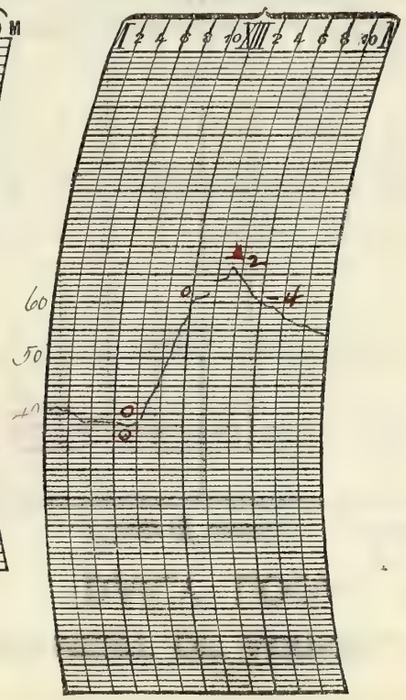
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Prepared by NSI
Verified by C.M.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) November 18, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	49	49	48	48	47	48	51	52	48	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt Cloudy			Clear			
Sunrise: Time, Character,	6:32 Cloudy											
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	0.5	0.1
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	N
Wind movement	5	5	7	6	8	9	9	7	7	13	16	15

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	45	45	44	42	40	36	34	33	32	31	31
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy						Clear					
Sunset: Time, Character,									4:20 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0							
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	13	16	15	11	9	9	8	6	6	8	6	6

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
52	31	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 5

Actual sunshine, hours, 6.1

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 62

Prevailing direction, N

Total movement, 222

Average hourly velocity, 9.2

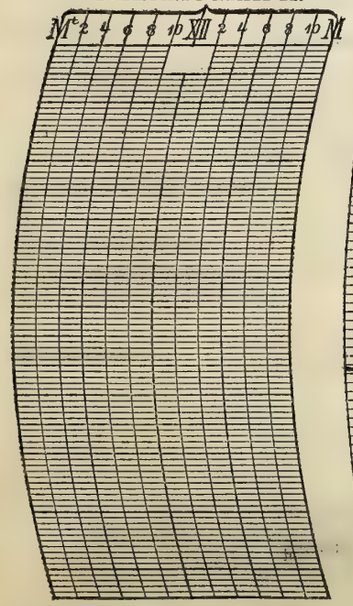
Maximum velocity,	Direction,	Time.
20	NW	Began 10:57 AM
Extreme velocity, 21	NW	11:01 AM

Relative humidity, 7 a. m., 86; 12 m., 79; 7 p. m., 62

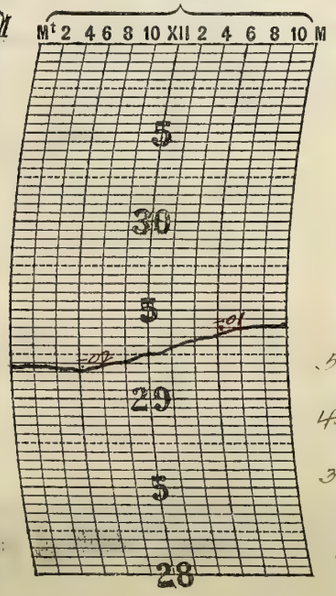
Reduced barometer, 30.07 a. m., 30.3 p. m.

River gage, 3.0 ft.

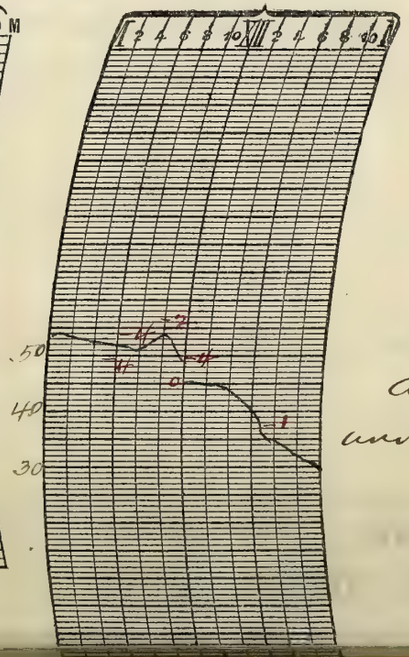
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

At 12 noon thermograph read 4° too high and pen adjusted to correct temperature.

Prepared by WSP

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) November 19, 1917

Time (local standard), 90th mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	28	26	26	25	24	25	26	30	32	36	38	41	40	40	39	37	36	36	36	34	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					C	/	e	u	c							→			
Sunshine (in tenths of hours)							0.45 0	0.7 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0							
Wind direction	NE	NE	NE	NE	NE	NE	E	NE	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW
Wind movement	8	6	5	5	5	5	3	4	4	4	5	6	7	7	9	9	6	7	8	5	7	10	12	10
Maximum velocities (exceeding 40 miles) direction and time																								

Sunrise: Time, 6:33; Character, Clear.

Sunset: Time, 4:20; Character, Cloudy.

	Maximum.	Minimum.	Mean.	Normal.
	41	24	32.4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.4

Possible sunshine, hours, 9.8

Percentage of possible sunshine, 96

Prevailing direction, SW

Total movement, 157

Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
14	SW	Began 10:32 PM
Extreme velocity, 14	SW	10:32 PM

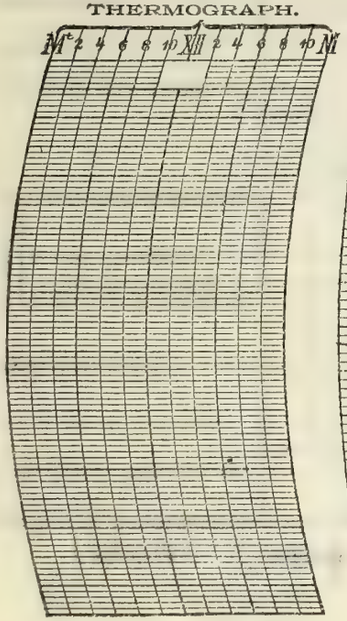
Relative humidity, 7 a. m., 81; 12 m., 56; 7 p. m., 60

Reduced barometer, 30.37 a. m., 30.13 p. m.

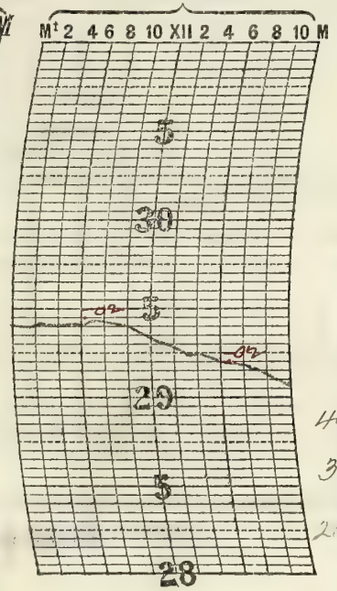
River gage, 2.8 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

THERMOGRAPH.



BAROGRAPH.



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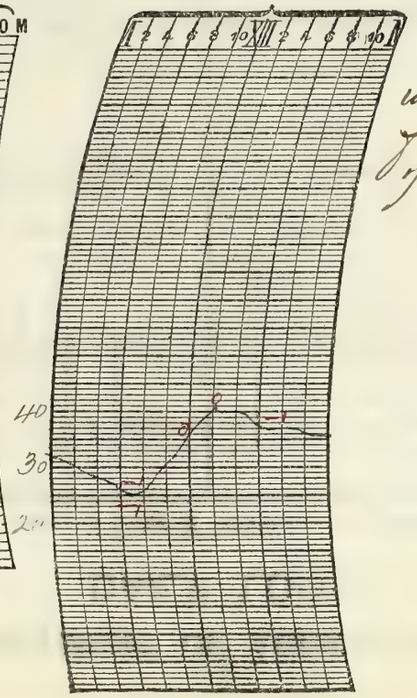


NOTES.

A cold wave occurred without warning this date; the temperature fell from 41° at 7 a.m. of the 18th to 24° at 7 a.m. of this date.

Prepared by [illegible]

Verified by O. M. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) November, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	36	36	37	37	38	39	42	45	47	49	50	52	52	52	52	51	50	48	47	45	43	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy	X				Pt.	Cloudy						X	Clear					
Sunrise: Time, 6:35; Character, Cloudy																					Sunset: Time, 4:19; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	NW	NW	NW	NW
Wind movement	10	10	9	11	11	13	13	18	19	16	14	11	9	11	9	5	5	4	4	3	5	3	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
52	34	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 6

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 68

Prevailing direction, SW

Total movement, 223

Average hourly velocity, 9.3

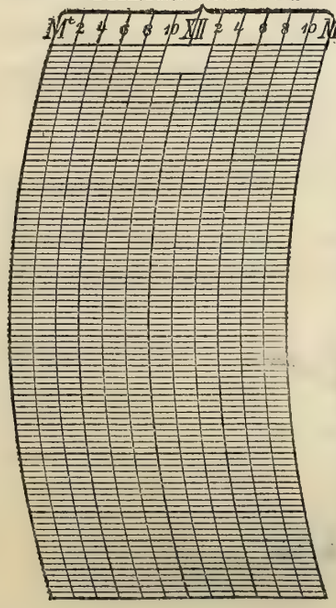
Maximum velocity,	Direction,	Time.
22	SW	Began 8:41 A.M.
Extreme velocity, 23	SW	8:43 A.M.

Relative humidity, 7 a. m., 73; 2 p. m., 55; 7 p. m., 60

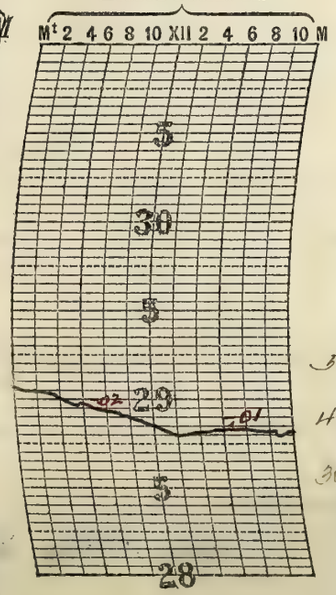
Reduced barometer, 29.89 a. m., 29.75 p. m.

River gage, 2.5 ft

THERMOGRAPH.



BAROGRAPH.



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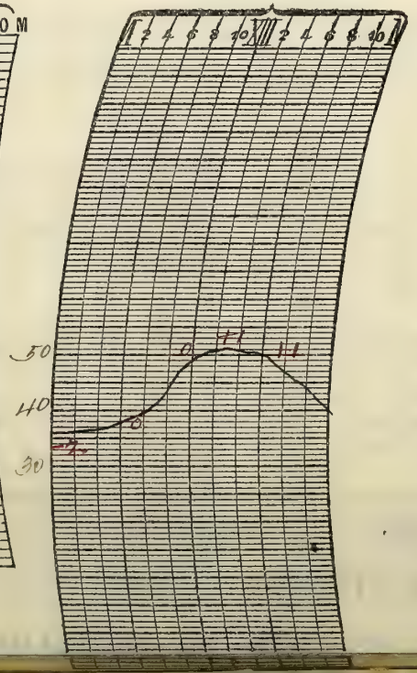


NOTES.

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) November 21, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	39	38	38	37	37	36	37	39	41	46	45	49	52	53	52	51	49	49	45	45	45	44	43
State of weather: Nature of precipitation and time of beginning and ending												R.B. 11:50 R.E 11:52		R.B. 1:45 R.E 1:55			R.B. 4:55	R.E 5:25		R.B. 7:45	7	—	—	—
Amounts of precipitation												T		—			—	—		—	—	—	—	—
Cloudiness and other conditions			L			L	Cloudy																	
Sunrise: Time, 6:36; Character, Cloudy																					Sunset: Time, 4:18; Character, Cloudy			
Sunshine (in tenths of hours)		1					0	0	0	0	×0.4	0	×0.2	×0.4	×0.2	0	0							
Wind direction	NW	NW	NW	O	NW	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	4	3	1	0	1	1	3	4	3	8	9	10	11	13	17	16	15	17	17	15	12	15	15	15
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase, First Qtr.

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 1.2

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 12

Prevailing direction, SW

Total movement, 225

Average hourly velocity, 9.4

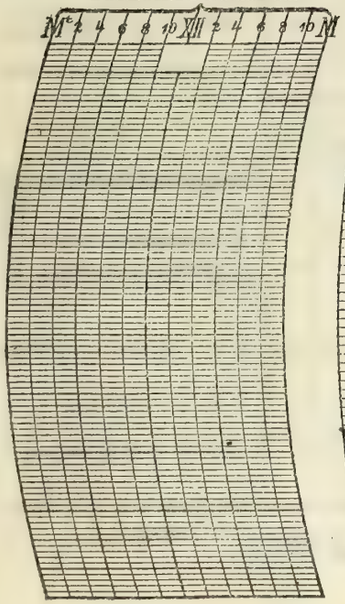
Maximum velocity,	Direction,	Time.
22	SW	Began 2:49 PM
Extreme velocity, 25	SW	7:41 PM

Relative humidity, 7 a. m., 95; 12 p. m., 73; p. m., 66

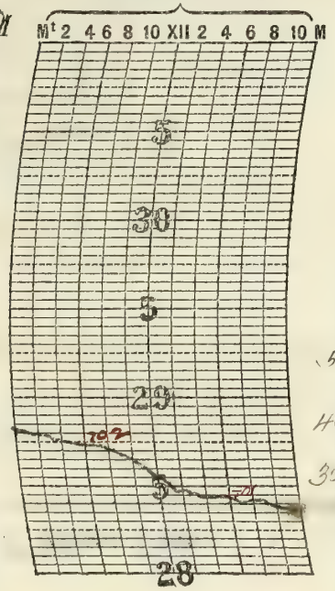
Reduced barometer, 29.64 a. m., 29.32 p. m.

River gage, 2.5 ft.

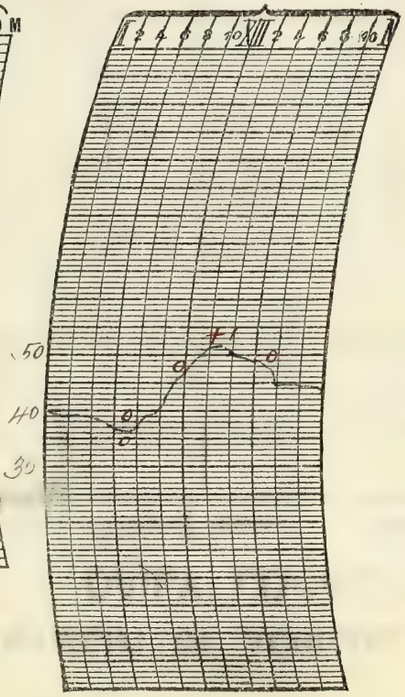
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

* Estimated

× Sun shining through detached clouds

The day was generally cloudy and unpleasant with occasional showers

Prepared by NSR

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) November 22, 1917

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	42	41	[illegible]	[illegible]	37	37	35	[illegible]	[illegible]	32	32	32	32	32	32	[illegible]	30	29	28	27	[illegible]
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	9:20 P.M. 9:20	–	–	–	8:45 P.M. 1:25										
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–	–	–	–	–										
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 6:37; Character, Cloudy																					Sunset: Time, 4:15; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	12	15	16	16	16	14	13	11	20	20	22	18	18	15	13	14	16	12	13	13	13	10	14	12
Maximum velocities (exceeding [illegible] miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
43	27	35	

Total depth of snow for 24 hours ending 7 p. m., 7 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 7 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .25 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours,

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 0

Prevailing direction, N

Total movement, 360

Average hourly velocity, 15

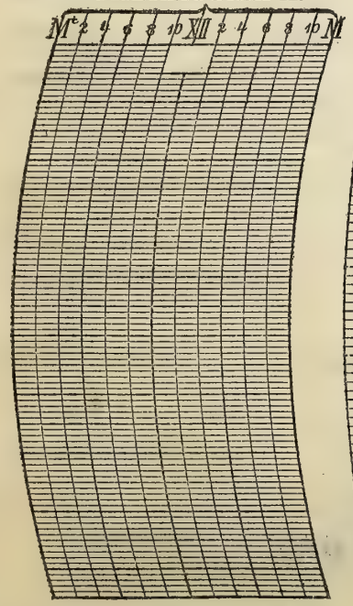
Maximum velocity,	Direction,	Time.
28	NW	Began 10:48 AM
Extreme velocity, 30	NW	10:48 AM

Relative humidity, 7 a. m., 71; 12 m., 75; 7 p. m., 84

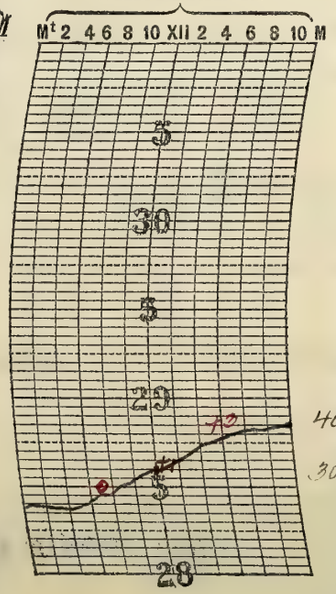
Reduced barometer, 29.32 a. m. 29.72 p. m.

River gage, 2.8 ft

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

6 Estimated

The rain continued from last night turned into snow at 9.20 am, the snow ending at 1.25 pm. Cloudy, cold, and unpleasant weather.

Prepared by NSB

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) November 23, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	26	26	25	25	24	23	24	24	24	22	23	24	24	24	23	22	20	20	19	18	18	17
State of weather: Nature of precipitation and time of beginning and ending							S 6 P 6:30	–	–	–	–	S 9 E 11:45												
Amounts of precipitation							–	–	–	–	–	–												
Cloudiness and other conditions							Cloudy						Clear				Pt Cloudy							
Sunrise: Time, 6:38; Character, Cloudy																					Sunset: Time, 4:17; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.4	1.0	1.0	1.0	0.9	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW
Wind movement	10	10	11	10	10	9	8	9	10	11	9	11	11	10	10	9	6	7	5	6	4	5	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
27	17	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 4.3

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 45

Prevailing direction, N

Total movement, 201

Average hourly velocity, 8.4

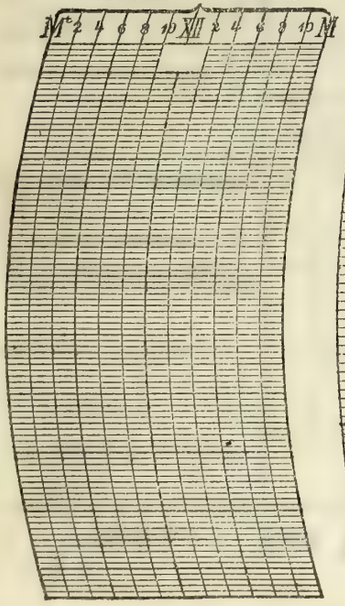
Maximum velocity,	Direction,	Time.
13	NE	Began 9:16 AM
Extreme velocity, 14	NE	9:16 AM

Relative humidity, 7 a. m., 84; 12 p. m., 49; 7 p. m., 74

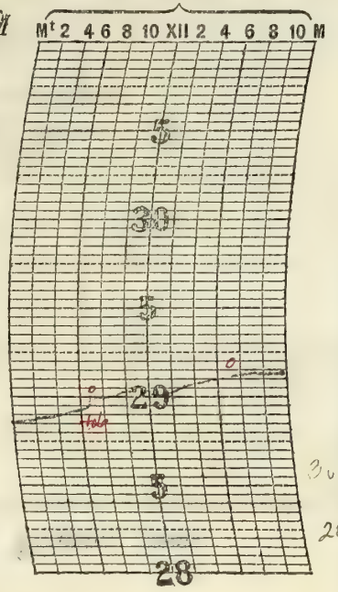
Reduced barometer, 29.95 a. m., 30.06 p. m.

River gage, 2.7 ft

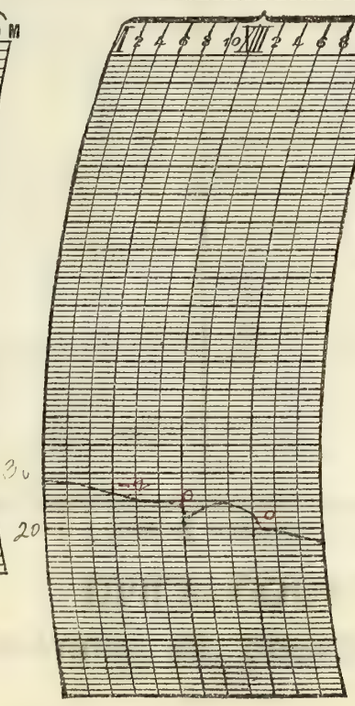
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cloudy with snowflurries during the forenoon; clear to partly cloudy in afternoon. Cold and disagreeable.

Prepared by NSG

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) November 24, 1917

Time (local standard), 90° mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	15	15	14	14	14	14	15	20	23	26	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)							0.35	0.6	1.0	1.0	1.0	1.0
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	5	5	6	5	5	5	4	6	8	9	10

Sunrise: Time, 6:39; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	28	28	28	30	29	28	28	27	27
Nature of precipitation and time of beginning and ending		S m D 1:25	—	S m E 3:05								
Amounts of precipitation		—	—	—								
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0							
Wind direction	NW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	11	8	8	5	6	4	5	6	5	4	6

Sunset: Time, 4:16; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	30	14	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear. Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 8.0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 83

Prevailing direction, NW

Total movement, 151

Average hourly velocity, 6.3

Maximum velocity, 13. Direction, NW. Time. Began 1:38 p. m.

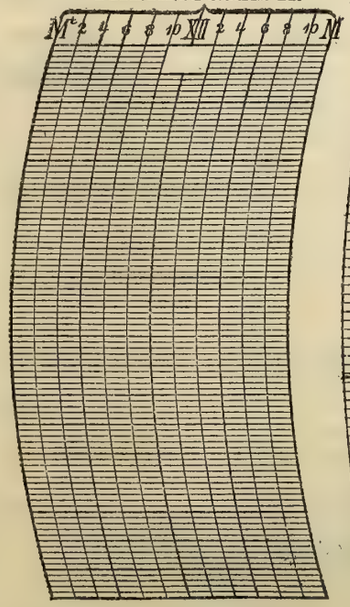
Extreme velocity, 14. NW. 1:38 p. m.

Relative humidity, 7 a. m., 39; 12 m., 45; 7 p. m., 72

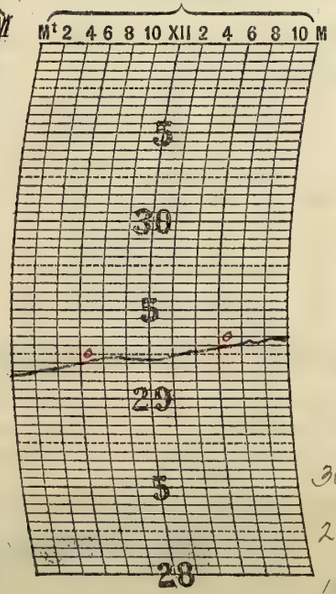
Reduced barometer, 30.18 a. m. 30.24 p. m.

River gage, 2.7 ft.

THERMOGRAPH.



BAROGRAPH.



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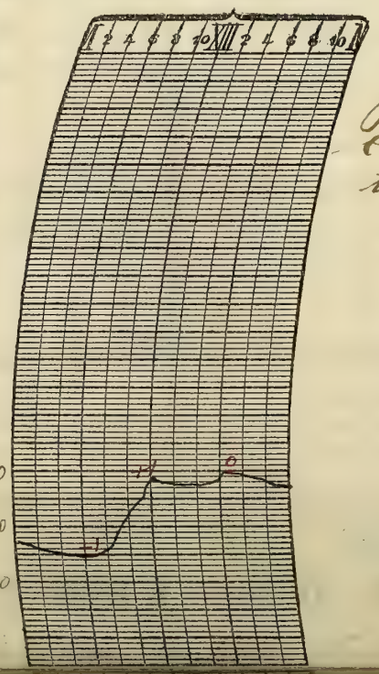


NOTES.

Forenoon clear; afternoon partly cloudy to cloudy. Unseasonably cold, especially in the morning, the weather being rather disagreeable

Prepared by ASB.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) November 25, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	27	27	27	27	28	29	29	30	32	33	33
Nature of precipitation and time of beginning and ending								Sd B. 7:03		Sd E 9:45		
Amounts of precipitation								–	–	–		
Cloudiness and other conditions											Cloudy	
Sunrise: Time, Character,	6:44, Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	# 0.3
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	5	6	5	5	4	6	5	7	6	9	11	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	32	30	29	29	29	29	29	29	28
Nature of precipitation and time of beginning and ending	Sm B 12:25	–	Sm E 2:05									
Amounts of precipitation	–	–	–									
Cloudiness and other conditions					Cloudy				Clear			
Sunset: Time, Character,									4:16, Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	NW	NW	N	N	N	N	N	N	N	N
Wind movement	11	10	8	7	9	5	2	3	2	4	3	4

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

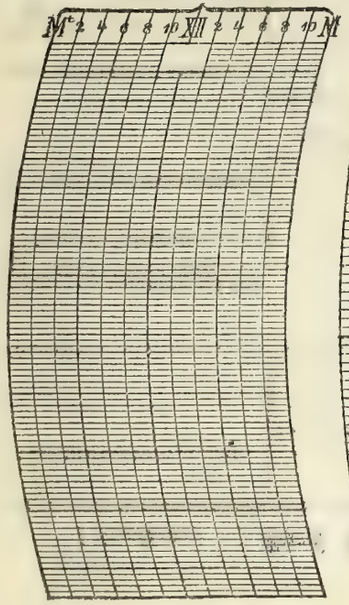
	Maximum.	Minimum.	Mean.	Normal.
Temperature	33	27	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 5
Actual sunshine, hours, 0.3
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 3
Prevailing direction, SW
Total movement, 149
Average hourly velocity, 6.2

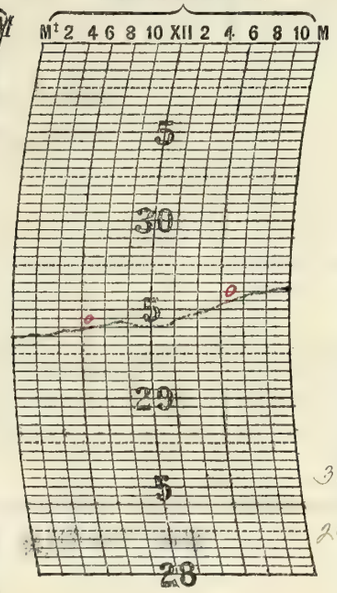
Maximum velocity,	Direction,	Time.
14	SW	Began 11:51 a.m.
Extreme velocity, 15	SW	11:51 a.m.

Relative humidity, 7 a. m., 88; 12 p. m., 80; 7 p. m., 66
Reduced barometer, 30.35 a. m., 30.50 p. m.
River gage, 2.6 ft.

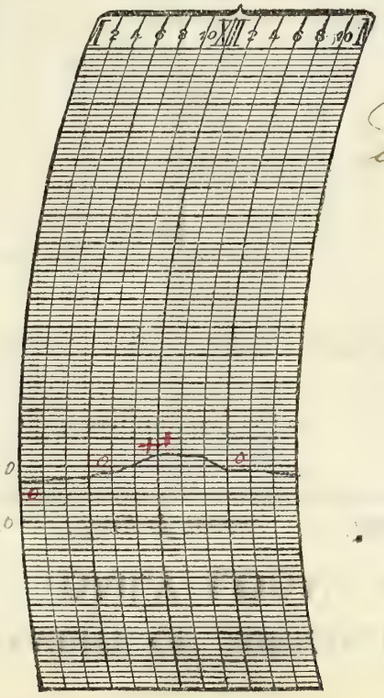
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Sun shining through detached clouds

Generally cloudy with snowflakes. Wind and disagreeable weather.

Prepared by WSig

Verified by C.M.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) November 20, 1917

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	28	28	28	28	27	[illegible]	28	30	31	31	[illegible]	33	34	33	32	30	30	29	28	28	[illegible]	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy				Cloudy					Cloudy									
Sunrise: Time, Character,	6:42 Cloudy																				Sunset: Time, Character,	4:15 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0.5	1.0	0.6	0	0.4	0.2	0.1	0							
Wind direction	E	E	E	E	S	S	S	S	S	S	E	E	S	S	S	SE	E	SE	SE	SE	SE	E	SE	SE
Wind movement	3	5	3	2	5	5	4	6	4	3	4	3	4	4	4	5	7	6	6	6	7	5	5	6
Maximum velocities (exceeding 20 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
34	27	[illegible]	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, [illegible] inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10),

Actual sunshine, hours, 2.8

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 29

Prevailing direction, S

Total movement, 112

Average hourly velocity, 4.7

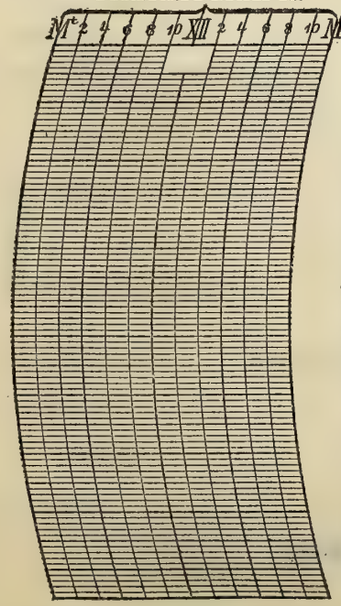
Maximum velocity,	Direction,	Time.
8	S	Began 4:27 p. m.
Extreme velocity, 8	SE	4:27 p. m.

Relative humidity, 7 a. m., 81; 12 m., 52; 7 p. m., 65

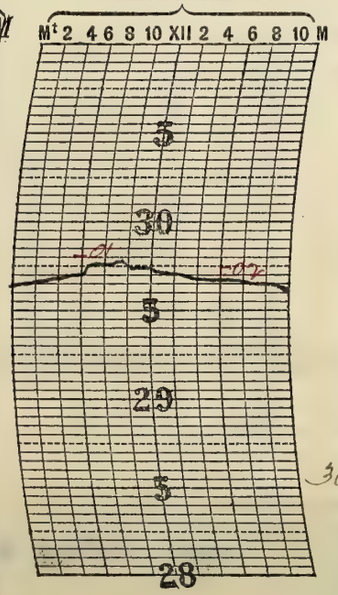
Reduced barometer, 30.60 a. m., 30.60 p. m.

River gage, 2.6 ft.

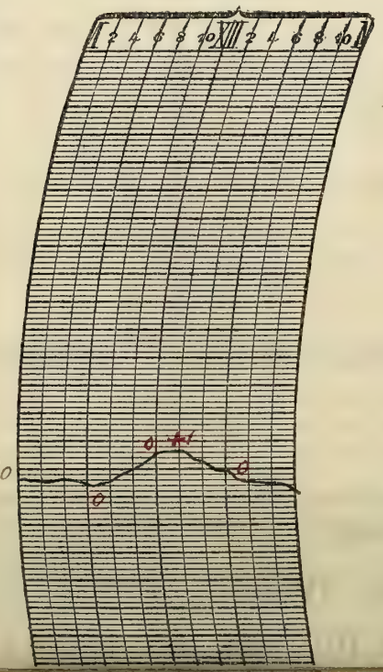
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally cloudy, cold and disagreeable weather.

Prepared by WS-13

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) November 27, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	26	26	26	27	27	28	29	31	32	32	32	32	33	33	33	34	33	33	33	33	33
State of weather: Nature of precipitation and time of beginning and ending		S 7m D 11N.	—	—	—	—	—	S 7m E 7:10								RD. 3:05	—	RE 5:20						
Amounts of precipitation		—	—	—	—	—	—	—								—	—	—						
Cloudiness and other conditions					←					Cloudy			Dense Fog											

Sunrise: Time, 6:43; Character, Cloudy

Sunset: Time, 4:15; Character, Foggy

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	E	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	5	6	5	5	5	6	6	5	5	6	6	4	6	5	4	5	5	5	5	6	5	5	7	7
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	34	26	30	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 7 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .03 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine,

Prevailing direction, SE

Total movement, 129

Average hourly velocity, 5.2

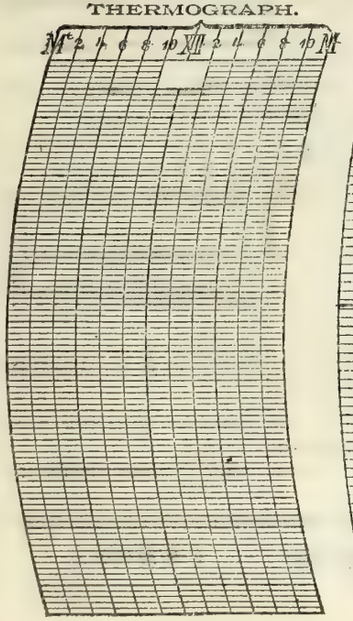
Maximum velocity,	Direction,	Time.
10	SE	Began 5:22 a.m.
Extreme velocity, 10	SE	5:22 a.m.

Relative humidity, 7 a. m., 94; 12 m., 79; 7 p. m., 87

Reduced barometer, 30.40 a. m., 30.24 p. m.

River gage, 2.6 ft.

THERMOGRAPH.



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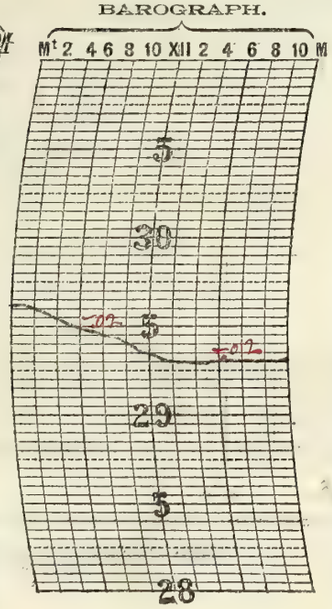

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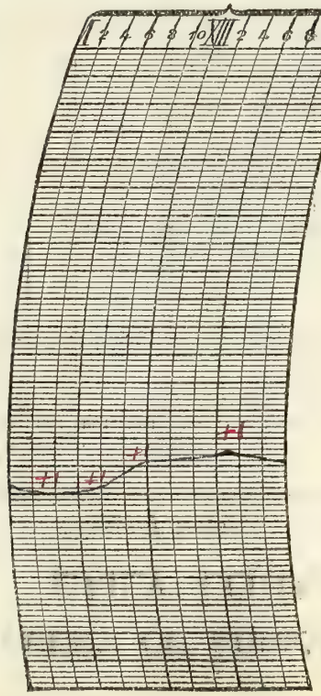


NOTES.

Cloudy day with light fog from 11:30 a.m. to 3:00 p.m., and dense fog from 3 p.m. to 9 p.m. Light snow in the early morning and light rain in the afternoon. Cold and disagreeable weather

Prepared by NSD.
Verified by P. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) November 28, 1917

Time (local standard), 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	33	33	33	33	33	33	34	35		36	36	36	36	35	35						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions			?	Dense fog						X	Lt. fog			Cloudy										
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0					1		
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	W	W	W	W	N	NE	E	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	6	6	5	5	5	6	4	5	4	4	4	4	2	4	2	1	4	2	4	3	4	5	5	5

Sunrise: Time, 6:44; Character, Foggy

Sunset: Time, 4:15; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
36	33	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness (0–10), 9

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction, SE

Total movement, 99

Average hourly velocity, 4.1

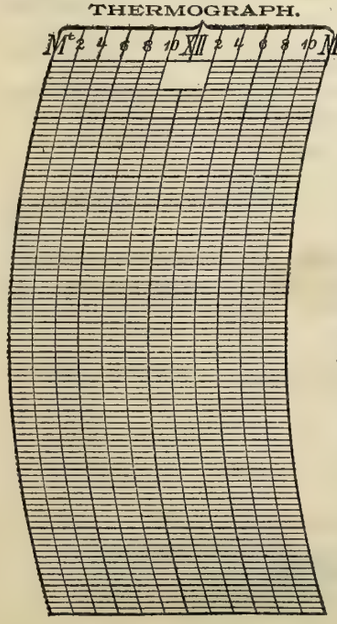
Maximum velocity,	Direction,	Time.
7	SW	Began 12:06 am
Extreme velocity, 7	SW	12:06 am

Relative humidity, 7 a. m., 100; 12 m., 85; 7 p. m., 66

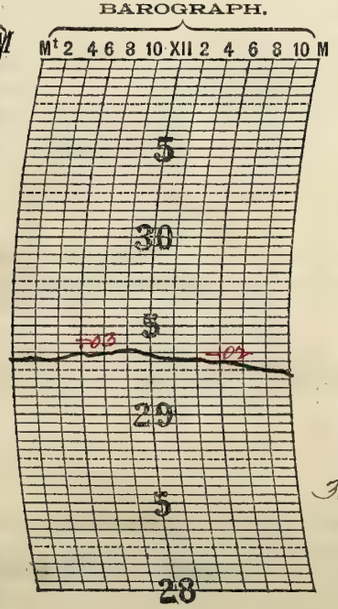
Reduced barometer, 30.26 a. m., 30.23 p. m.

River gage, 2.6 ft.

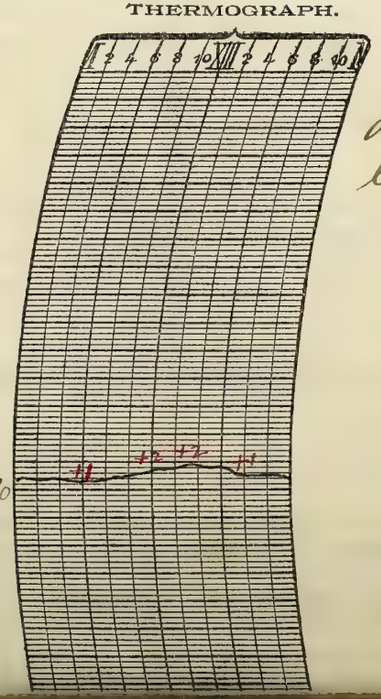
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold and cloudy, with dense fog from D. N. a. to 10 am, and light fog from 10 am to 8 30 pm

Prepared by WSB.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) November 29, 1917

Time (local standard), 90th mer.

1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	33	32	32	32	32	32	32	33	33
State of weather: Nature of precipitation and time of beginning and ending							RB 615			RE 1000		
Amounts of precipitation							T					
Cloudiness and other conditions					2							
Sunrise: Time, Character	6:45 Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	5	6	7	7	9	8	7	8	8	7	9	9
Maximum velocities (exceeding 29 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	34	34	34	34	34	35	35	36	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy			7			
Sunset: Time, Character									4:14 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	SE	E	E	E
Wind movement	9	8	6	6	6	5	4	4	2	3	3	2

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
37	32	34	✓

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction, E

Total movement, 148

Average hourly velocity, 6.2

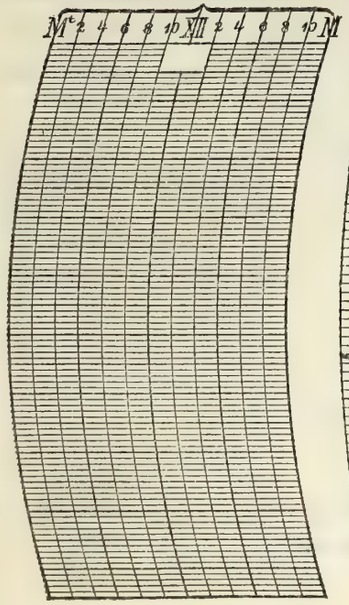
Maximum velocity,	Direction,	Time.
12	E	Began 4:36 A.M.
Extreme velocity, 12	E	4:36 A.M.

Relative humidity, 7 a. m., 94; 12 m., 85; 7 p. m., 77

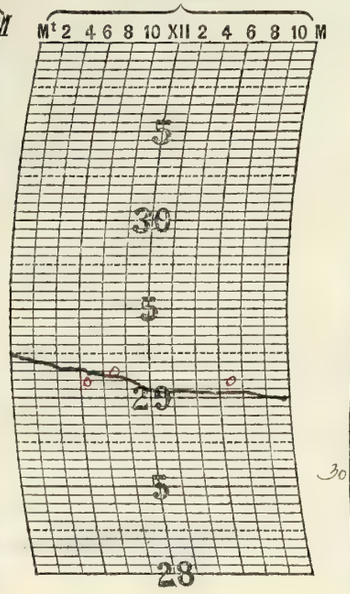
Reduced barometer, 30.08 a. m., 29.99 p. m.

River gage, 2.5 ft.

THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.

NOTES.

Cloudy, with light rain in the forenoon. Cold and disagreeable weather.

Prepared by WSB

Verified by PMW

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) November 2, 1917

Time (local standard), 90th mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	42	42	42	41	41	41	41	41	41	43	43	43	42	42	42	41	41	41	40	38	38	37	36
				RS 3:00						RE 7:00														
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Cloudy											→		
	Sunrise: Time, 6:46 Character, Cloudy																				Sunset: Time, 4:14 Character, Cloudy			
Sunshine (in tenths of hours) ✓							0	0	0	0	+0.2	0	0	0	0	0	0							
Wind direction ✓	E	S	S	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W	W	W	W	W	W	W	NW	NW	NW	NW
Wind movement ✓	2	5	6	8	9	8	9	9	9	10	10	10	11	13	11	9	7	8	9	10	7	9	9	8
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	36	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., .23 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 2

Prevailing direction, SW

Total movement, [illegible]

Average hourly velocity, 8.1

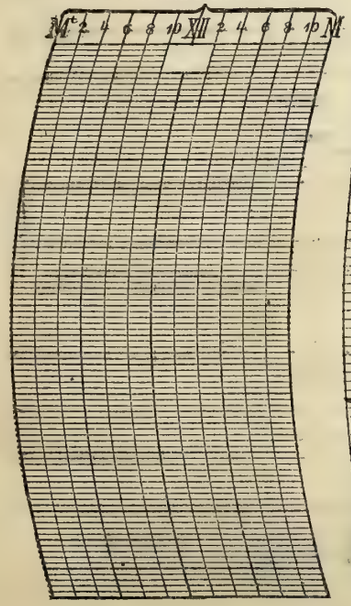
Maximum velocity,	Direction,	Time.
15	SW	Began 1:32 p.m.
Extreme velocity, 16	W	1:35 p.m.

Relative humidity, 7 a. m., 96; 12 m., 85; 7 p. m., 81

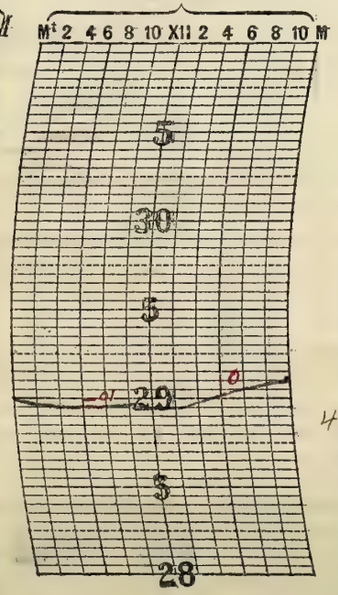
Reduced barometer, 29.87 a. m. 29.97 p. m.

River gage, 2.7 ft.

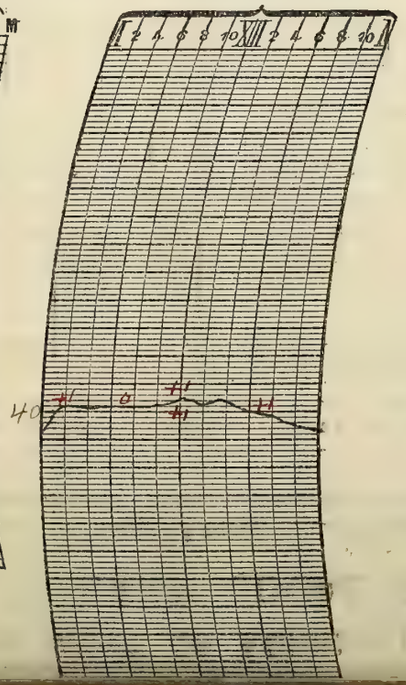
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

+Sun shining through detached clouds.

Cloudy and somewhat warmer, with light rain in the forenoon.

Prepared by WSB

Verified by PMB

FORM NO. 1011—MOD.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) December 1, 191

Time (local standard), 90th mer.

1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	33	33	34	34	34	34	34	37	38	38	39	39	39	37	36	36	35	35	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy					Pt	Cloudy				Cloudy								
Sunrise: Time, 7:47; Character, Cloudy																					Sunset: Time, 4:14; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0	1.0	1.0	0.8	0	0							
Wind direction	NW	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NE	E	E	E	E
Wind movement	9	10	9	7	7	8	6	9	8	9	8	8	9	8	7	5	4	4	4	5	4	2	3	4
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
39	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 60

Prevailing direction, NW

Total movement, 157

Average hourly velocity, 6.5

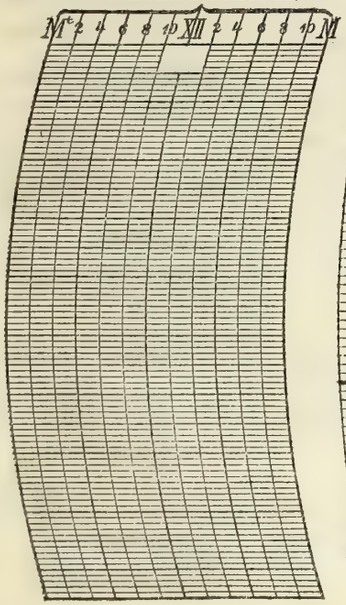
Maximum velocity,	Direction,	Time.
15	NW	Began 12 a.m.
Extreme velocity, 14	NW	1:18 a.m.

Relative humidity, 7 a. m., 67; 12 p. m., 58; 7 p. m., 69

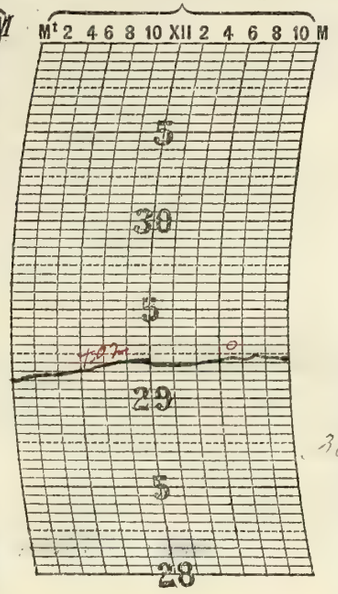
Reduced barometer, 7 30.13 a. m. 30.17 p. m.

River gage, 2.6 ft.

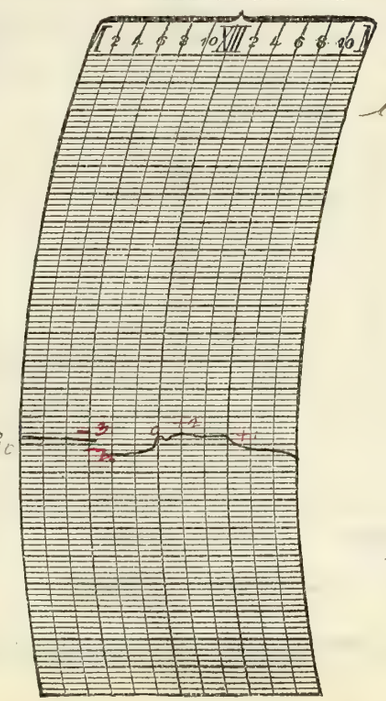
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cool and generally partly cloudy.

Prepared by WSB

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) December, 191

Time (local standard), ___ mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	31	31	30	30	30	32	33	35	38	39	39	40	40	39	38	36	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt. Cloudy							Clear			Pt Cloudy			Clear			
Sunrise: Time, 6:48; Character, Cloudy																					Sunset: Time, 4:13; Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	E	SE	E	E	E	E	E	E	E	E	E
Wind movement	5	3	5	6	7	7	8	8	12	10	9	10	12	14	14	12	9	11	10	9	10	10	7	7
Maximum velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

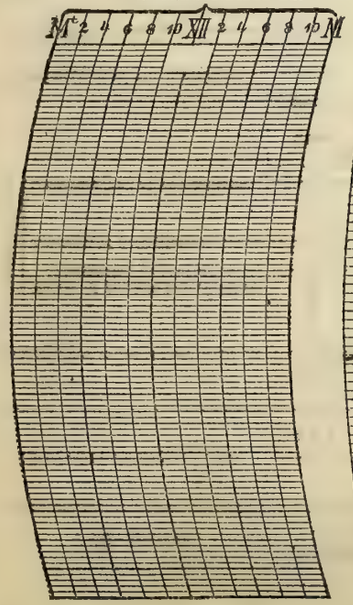
	Maximum.	Minimum.	Mean.	Normal.
	40	30	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ___
Average daily cloudiness (0-10), ___
Actual sunshine, hours, 6.9
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 73
Prevailing direction, E
Total movement, 215
Average hourly velocity, 9.0

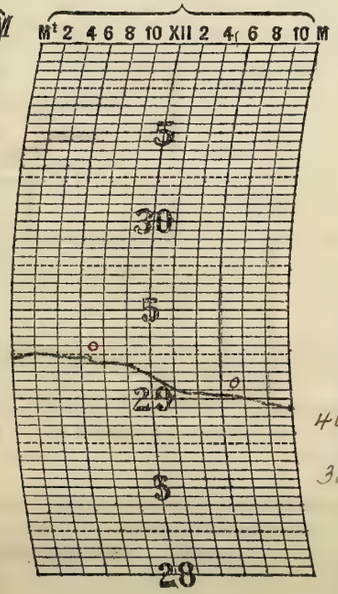
Maximum velocity,	Direction,	Time.
18	SE	Began 2:51 p.m.
Extreme velocity, 21	SE	2:55 p.m.

Relative humidity, 7 a. m., 62; 12 p. m., 59; 7 p. m., 70
Reduced barometer, 30.17 a. m., 29.97 p. m.
River gage, 2.6 ft.

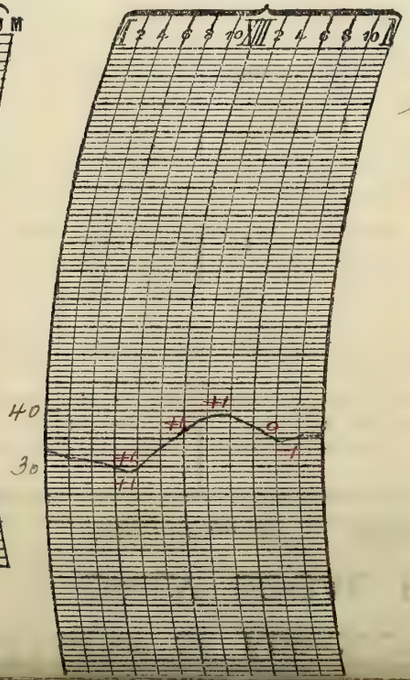
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Generally partly cloudy weather, with moderate temperature

Prepared by WSB
Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) December 3, 191

Time (local standard), 7th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	35	35	35	35	36	36	36	38	39	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←			Cloudy			
Sunshine (in tenths of hours)							0	0	0	#0.6	#1.0	#1.0
Wind direction	E	E	NE	NE	N	N	N	N	N	N	N	N
Wind movement	7	4	4	5	4	5	5	7	9	12	12	10
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	40	39	37	37	35	35	35	34	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								→				
Sunshine (in tenths of hours)	#1.0	#1.0	#0.2	0	0							
Wind direction	N	N	N	N	N	N	N	N	NE	N	NE	NE
Wind movement	11	9	11	11	10	7	8	8	7	4	5	4
Maximum velocities (exceeding 20 miles) direction and time												

Sunrise: Time, 6:47 Character, Cloudy

Sunset: Time, 4:13 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
41	33	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.8

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 51

Prevailing direction, N

Total movement, 179

Average hourly velocity, 7.5

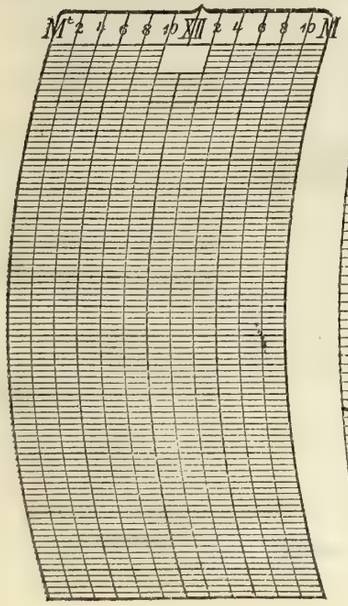
Maximum velocity,	Direction,	Time.
16	N	Began 10:09 a.m.
Extreme velocity, 16	NW	10:13 a.m.

Relative humidity, 7 a. m., 72; 12 p. m., 61; 7 p. m., 68

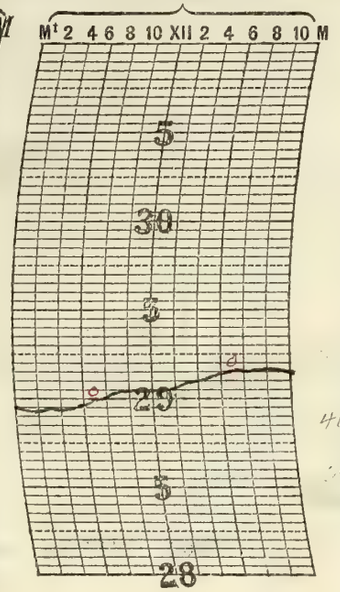
Reduced barometer, 29.94 a. m., 30.10 p. m.

River gage, 2.6 ft

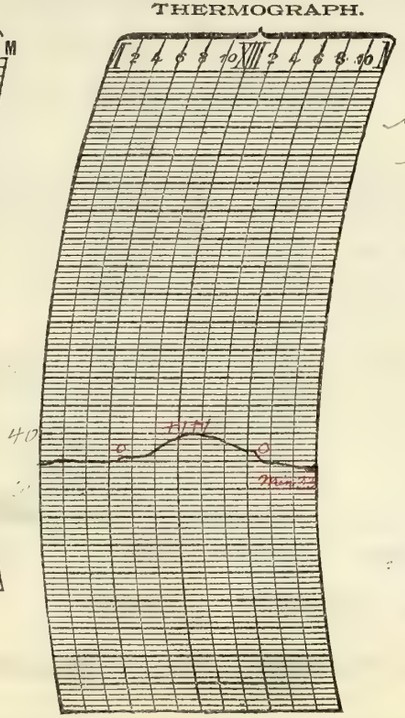
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Moderate temperature during the day and generally cloudy, the sun shone through the detached clouds.

#. Sunshining through detached clouds.

Prepared by WSB

Verified by J. M. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) December, 191

Time (local standard), C mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	32	32	32	34	34	35	37	38	39	40	40	40	40	37	36	36	36	35	34	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy — X				Pt. Cloudy — X						Clear								
Sunrise: Time, Character, Cloudy																					Sunset: Time, 4:15, Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0							
Wind direction	N	N	NE	N	N	N	N	NW	NW	NW	NW	NW	W	W	W	W	SW	SW	SW	W	W	SW	W	W
Wind movement	4	4	4	3	2	3	2	3	3	4	4	5	6	9	10	7	5	6	6	6	6	6	8	7
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
40	32	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0–10), 4

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 70

Prevailing direction, W

Total movement, 123

Average hourly velocity, 5

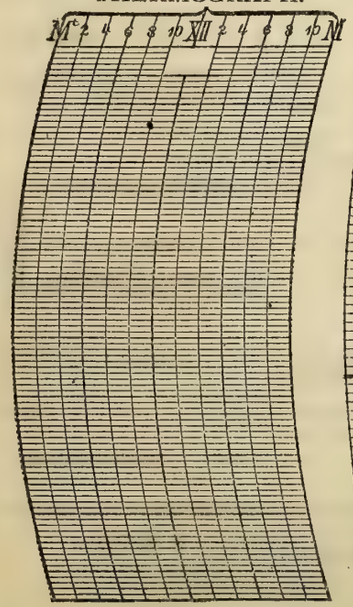
	Maximum velocity,	Direction,	Time.
	12	SW	Began 2:55 p.m.
Extreme velocity	12	SW	2:55 p.m.

Relative humidity, 7 a. m., 69; 12 p. m., 52; 7 p. m., 65

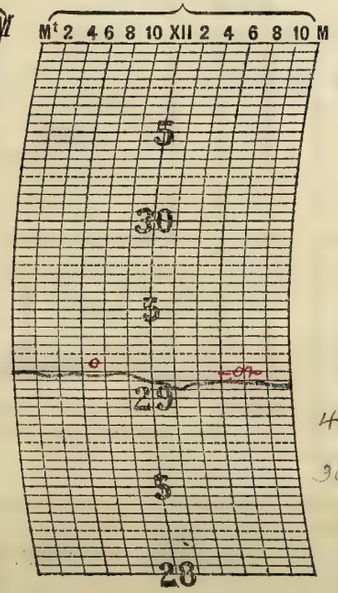
Reduced barometer, 30.12 a. m. 30.04 p. m.

River gage, 2.6 ft.

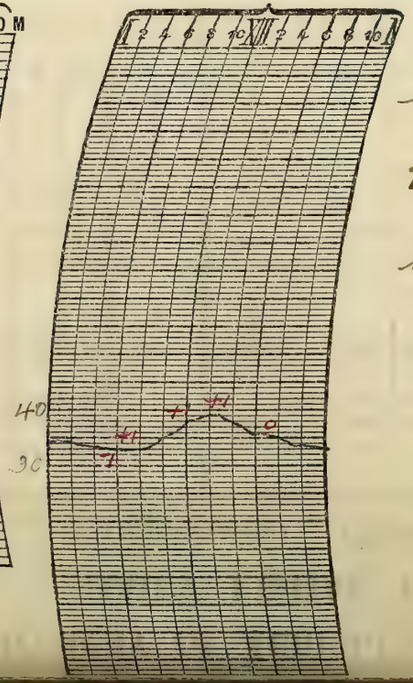
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Decreasing cloudiness from the early morning, the afternoon being generally clear, with the sun setting behind a small bank of strato clouds in the evening. Moderate temperatures prevailed, the day being quite pleasant as a rule.

Prepared by NSB

Verified by A. Mey.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) December 3, 191

Time (local standard), 7 mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	32	31	30	30	30	31	29	29	29	29	28
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy	—		Pt. Cloudy		Cloudy	
Sunrise: Time, Character,	6:51 Cloudy											
Sunshine (in tenths of hours)		1					0	0	0.1	1.0	0.6	0
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	5	5	7	7	6	6	8	9	9	9	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	28	28	28	27	27	27	26	26	24	24	23
State of weather: Nature of precipitation and time of beginning and ending									Sd B 8:25	—	—	—
Amounts of precipitation									—	—	—	—
Cloudiness and other conditions	—		Pt. Cloudy				Clear		Cloudy			
Sunset: Time, Character,									4:13 Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0							
Wind direction	NW	N	NW	NW	NW	NW	N	N	NE	NE	NE	NE
Wind movement	1	6	6	5	5	3	3	4	5	4	4	3

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum.	33
Minimum.	23
Mean.	28
Normal.	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 8

Actual sunshine, hours, 4.1

Possible sunshine, hours, 9.1

Percentage of possible sunshine, 44

Prevailing direction, NW

Total movement, 142

Average hourly velocity, 5.9

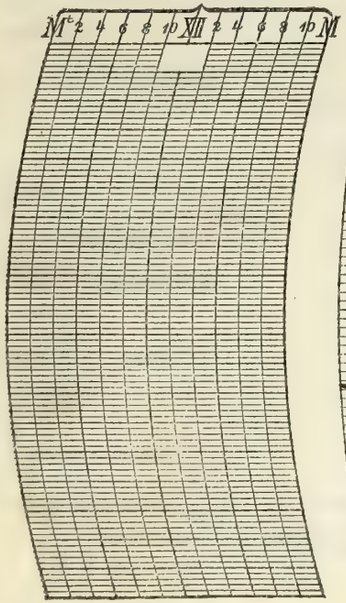
Maximum velocity,	Direction,	Time.
12	NW	Began 10:11 a.m.
Extreme velocity, 12	NW	10:11 a.m.

Relative humidity, 7 a. m., 86; 12 p. m., 44; 7 p. m., 72

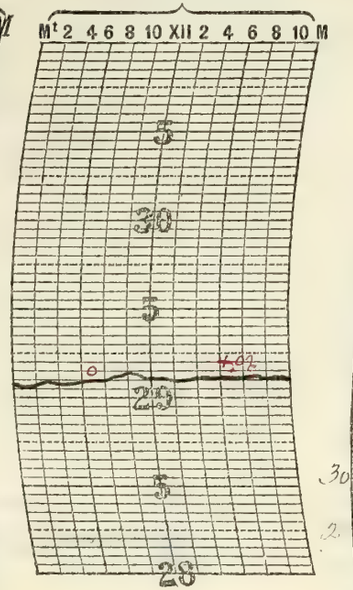
Reduced barometer, 30.05 a. m., 30.09 p. m.

River gage, 2.6 ft.

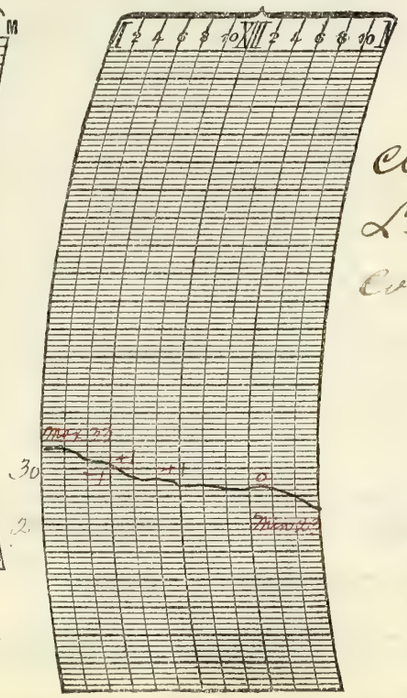
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Estimated

1. Sun shining through detached clouds.

Cold and generally cloudy, although clear for a short period between 6 and 8 p.m. Light snow began at 8:25 p.m. and continued beyond midnight.

Prepared by NSB

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) December, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	22	21	20	20	20	21	21	22	22	24	26
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	Sd E 8:45			
Amounts of precipitation	–	–	–	–	–	–	–	–	–			
Cloudiness and other conditions							Cloudy			× Pt Cloudy	× Clear	
Sunrise: Time, 6:52; Character, Cloudy												
Sunshine (in tenths of hours)							0	0	0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	6	6	7	6	5	5	5	6	5	6	4

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	27	27	26	26	25	23	22	22	21	20	19
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Pt. Cloudy				× Clear							
Sunset: Time, 4:13; Character, Cloudy												
Sunshine (in tenths of hours)	1.0	1.0	0.7	0.2	0							
Wind direction	N	N	NE	NW	NW	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	5	4	4	6	6	4	4	2	2	2

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	27	19	23	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.

Snow on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0.7 ins.; to 7 p. m., ____ ins.

Total precipitation, midnight to midnight, 0.06 inches.

Character of day, Pt. Cloudy Moon phase, Last Quarter

Average daily cloudiness (0–10), ____

Actual sunshine, hours, 5.9

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 63

Prevailing direction, NE

Total movement, 114

Average hourly velocity, 4.8

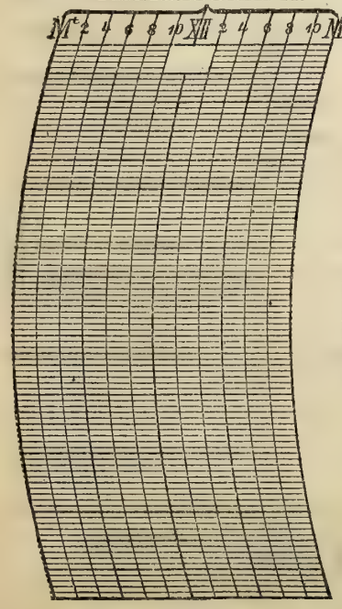
Maximum velocity,	Direction,	Time.
8	NE	Began 3:23 a.m.
Extreme velocity, 8	NE	3:23 a.m.

Relative humidity, 7 a. m., 93; 12 p. m., 64; 7 p. m., 73

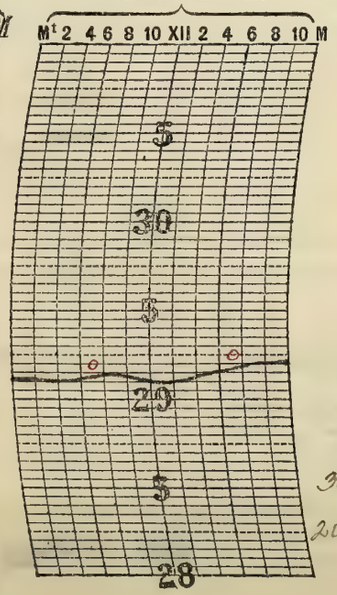
Reduced barometer, 30.08 a. m., 30.14 p. m.

River gage, 2.6 ft.

THERMOGRAPH.



BAROGRAPH.



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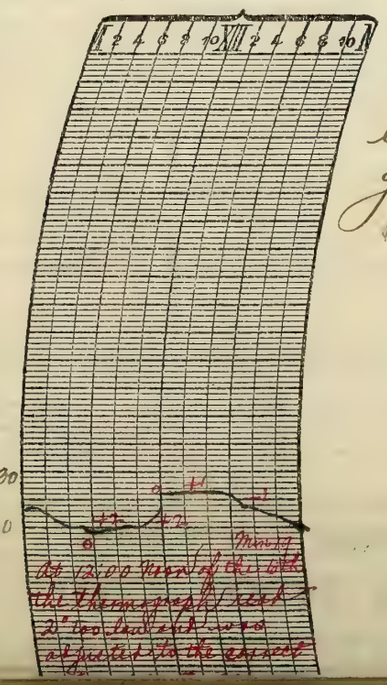


NOTES.

Estimated.

Cloudy during the morning with light snow until 8:45 a.m.; afternoon generally partly cloudy, and night clear. Cold and disagreeable weather.

Prepared by NSF

Verified by PMC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) December 7, 1917

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	17	17	16	14	14	15	15	16	23	26	26	27	28	27	26	26	26	25	25	25	24	23	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear	X		Fog Cloudy	(Dense Fog)	X	Clear							Partly Cloudy	X	Cloudy				
Sunrise: Time, Character, Smoky																					Sunset: Time, Character, Cloudy			
Sunshine (in tenths of hours)		1					0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	SW	SW	SW	SW	NW	NW	0	0	NW	NE	S	S	S	S	S	E	S	SW	NE	NE	E	E	NE	N
Wind movement	3	2	1	2	2	1	0	0	1	4	4	7	5	7	4	3	4	4	2	2	2	3	2	1
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
28	14	21	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10), 3

Actual sunshine, hours, 5.7

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 61

Prevailing direction, S

Total movement, 49

Average hourly velocity, 2.9

Maximum velocity, 8 Direction, SW Time. Began 11:30 a.m.

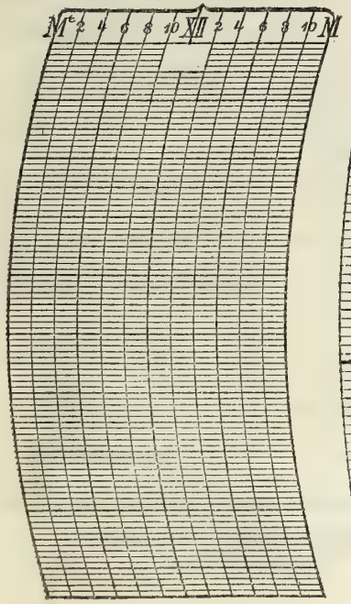
Extreme velocity, 8 SW 11:30 a.m.

Relative humidity, 7 a. m., 77; 12 p. m., 52; 7 p. m., 72

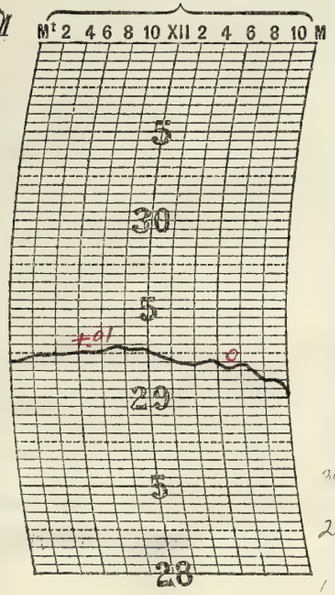
Reduced barometer, 30.25 a. m. 30.14 p. m.

River gage, 2.5 ft.

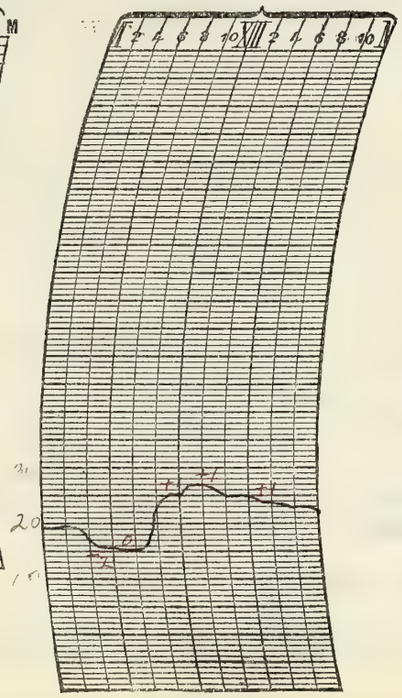
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

There was dense smoke near eastern horizon from 6:50 a.m. until 7:00 a.m. Light fog prevailed from 7:10 am to 8:00 am, and dense fog from 8:00 am. to 9:15 am.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) December, 191

Time (local standard), ____ mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	20	20	21	21	22	22	23	23	20	21	21	21	19	18	14	9	6	3	3	1	0	-2
State of weather: Nature of precipitation and time of beginning and ending			SB BN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	SB E 7:44				
Amounts of precipitation			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–				
Cloudiness and other conditions									C	1	0	0	0	1										
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	N	NE	N	NE	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	SW	W
Wind movement	5	5	4	5	8	1	6	9	11	14	17	20	21	21	22	25	25	24	25	22	23	19	22	21
Maximum velocities (exceeding 20 miles) direction and time																31 NW 2:23		30 W 5:24	30 W 6:33					

Sunrise: Time, ____ Character, Cloudy

Sunset: Time, ____ Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
23	-2	11	

Total depth of snow for 24 hours ending 7 p. m., 2.1 inches.

Snow on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, 2.1 inches.

Precipitation to 7 a. m., .15 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction, NW

Total movement, 381

Average hourly velocity, 15.8

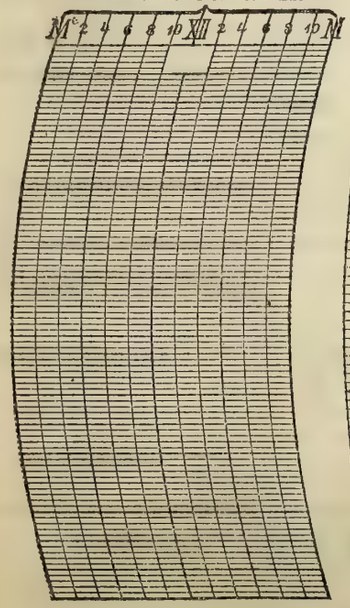
Maximum velocity,	Direction.	Time.
31	NW	Began 2:23 p. m.
Extreme velocity, 36	W	6:33 p. m.

Relative humidity, 7 a. m., 92; 12 m., 86; 7 p. m., 75

Reduced barometer, 29.66 a. m., 29.75 p. m.

River gage, 2.3 ft.

THERMOGRAPH.



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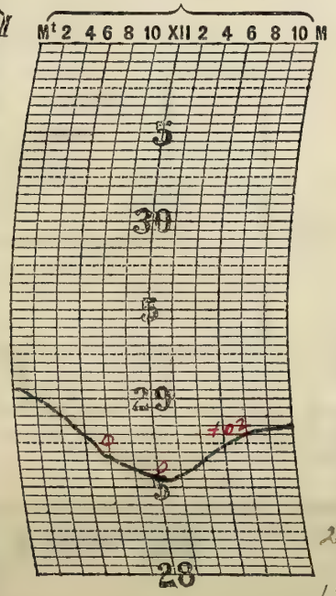

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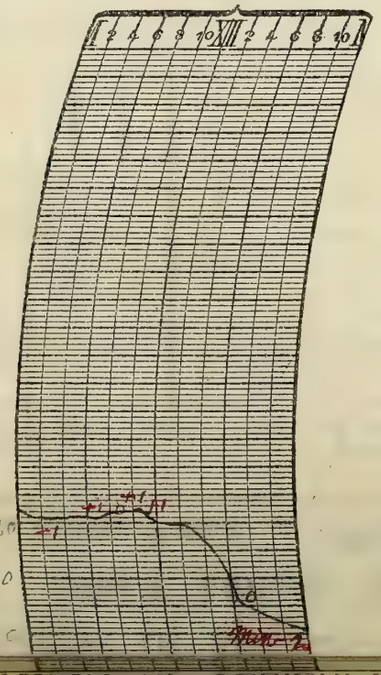


NOTES.

Cold wave warning received in the morning forecast (10:15 am) and was distributed by phone, cards & maps.

Noon special ordered on this date. Cloudy, with moderately heavy snow, unseasonably cold with rapidly falling temperature during the afternoon and night. Piercing westerly winds in the latter part of the day. Snow packed hard; sidewalks icy and dangerous.

Prepared by WSB

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) December 4, 1917

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-2	-4	-4	-5	-5	-5	-6	-5	-5	-4	-3	1	2	3	5	5	5	4	2	-1	-1	-2	-3	-4
State of weather: Nature of precipitation and time of beginning and ending											Sd B 10.05	—	—	—	Sd E 2.20									
Amounts of precipitation											—	—	—	—	—									
Cloudiness and other conditions							Clear			Pt Cldy			Cloudy				Pt Cloudy			Clear				
Sunrise: Time, 6:55; Character, Cloudy																					Sunset: Time, 4:13; Character, Cloudy			
Sunshine (in tenths of hours)							*0	*0	0.8	1.0	0	0	0.2	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW
Wind movement	20	18	18	17	13	16	17	16	18	23	21	19	18	16	13	11	13	12	16	19	21	21	20	19
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
5	-6	0	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow on ground 7 p. m., 2.1 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0–10), 7

Actual sunshine, hours, 2.0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 22

Prevailing direction, SW

Total movement, 417

Average hourly velocity, 17.4

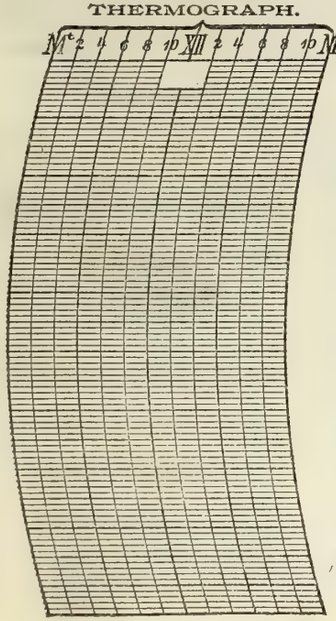
Maximum velocity,	Direction,	Time.
28	W	Began 8:13 p.m.
Extreme velocity, 30	W	8:16 p.m.

Relative humidity, 7 a. m., 78; 12 p. m., 69; 7 p. m., 76

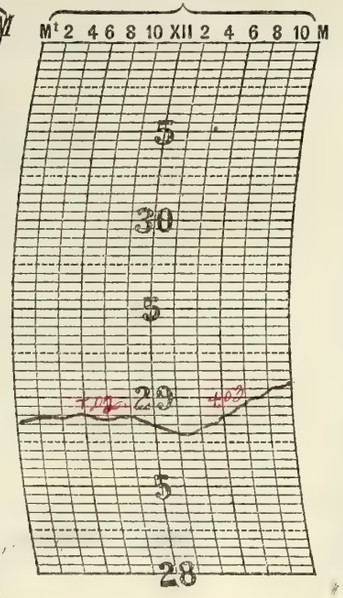
Reduced barometer, 29.90 a. m., 29.93 p. m.

River gage, 2.4 ft.

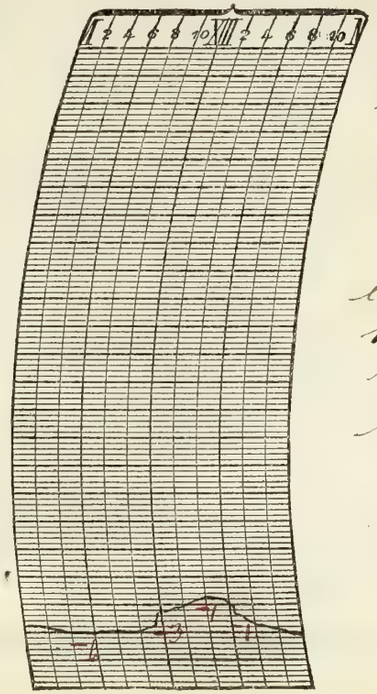
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

Cold wave occurred, with the lowest temperature, -6° at the a. m. observation.

* Sunrise obscured by bank of St. Clouds

Intensely cold, with piercing southwest winds. Day generally partly cloudy, but night clear. Light snow from 10.05 a.m. to 2.20 p.m. Owing to hard packed snow, streets and sidewalks slippery.

Prepared by WSB

Verified by H. McD.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) December, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-5	-5	-6	-6	-7	-7	-6	-6	-6	-5	-3	-4
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	Sunrise: Time, 6:55 Character, Cloudy						+0	*0	0.8	0.8	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	22	22	21	18	17	16	14	14	17	17	16	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-5	-5	-6	-6	-5	-3	-2	-1	0	-1	-1	-1
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	*1.0	+0				Sunset: Time, 4:13 Character, Cloudy			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	16	15	11	10	10	11	11	10	9	12	10

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
Temperature	6	-7	0	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to ___ p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ____

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 7.6

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 82

Prevailing direction, SW

Total movement, 347

Average hourly velocity, 14.5

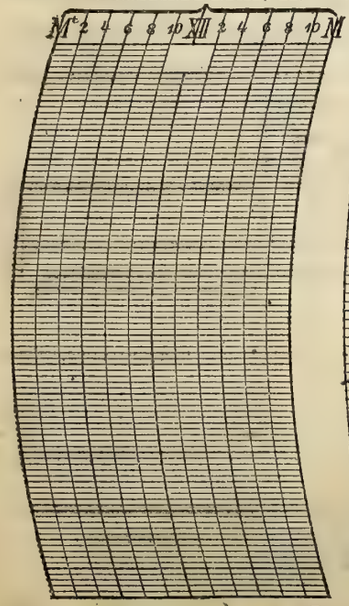
	Maximum velocity,	Direction,	Time.
	26	SW	Began 12:42 a.m.
Extreme velocity	30	SW	2:19 a.m.

Relative humidity, 7 a. m., 83; 7 p. m., 60; 7 p. m., 76

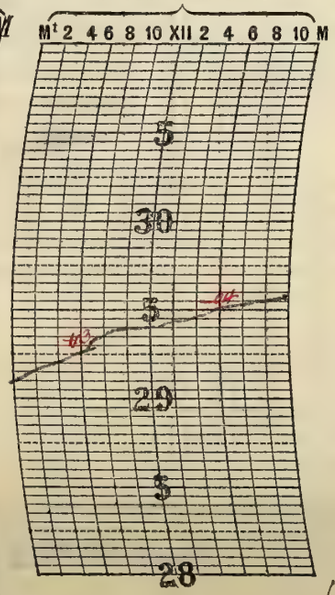
Reduced barometer, 30.32 a. m., 30.53 p. m.

River gage, 2.4 ft.

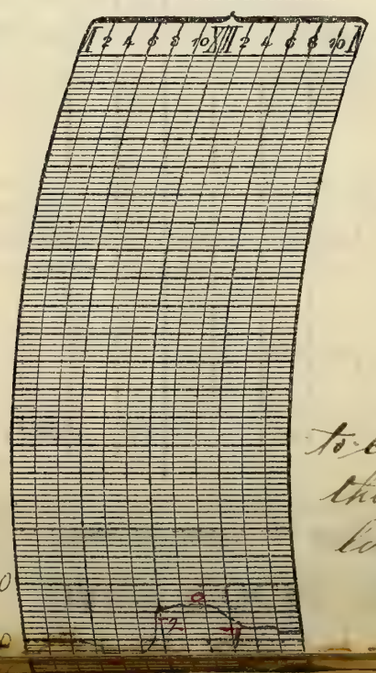
THERMOGRAPH.



BAROGRAPH.



THERMOGRAPH.



NOTES.

+ Sunrise and sunset observed by a bank of stations 25 to 40.

* From eye observations

Clear and continued cold weather. Owing to packed snow and ice, streets and sidewalks slippery.

There being insufficient sheets to complete the month, the data from the 11th to 31st, inclusive, are entered on loose sheets.

Prepared by WSB.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____ mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
Sunshine (in tenths of hours)	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.												
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

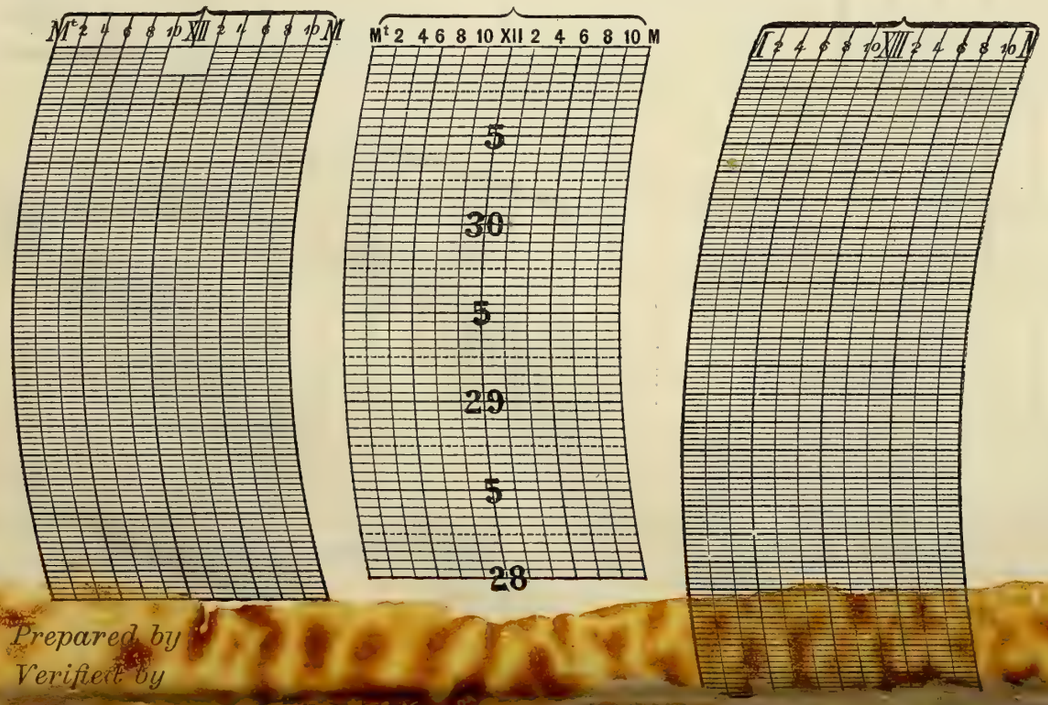
Maximum velocity, _____ Direction, _____ Time. _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by
Verified by

Prepared by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 3 1 1917, 191

Time (local standard), 90th mer. — hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	9	9	8	8	8	8	8	8	9	10	11	12	12	13	13	14	13	13	13	13	13	12	10	10
State of weather: Nature of precipitation and time of beginning and ending					SE B5 N	—	SE 6:05	SE 7:05	—	—	—	—	SE 12:40											
Amounts of precipitation					—	—	—	—	—	—	—	—	—											
Cloudiness and other conditions					2	—		Cloudy						2	—	Pt.	Cloudy	—		7				
Sunrise: Time, 7:05; Character, Cloudy																					Sunset: Time, 4:22; Character, Cloudy			
Sunshine (in tenths of hours)				1.				0	0	0	*1.0	*1.0	*10	0.6	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	NE	NE	NE	NE	E	E	E	NE	N	NW	W	SW	SW
Wind movement	8	5	5	4	4	4	3	3	5	3	4	5	5	6	5	3	4	2	2	2	2	2	1	5
Maximum velocities (exceeding 25 miles)																								

Maximum.	Minimum.	Mean.	Normal.
14	8	1	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.6

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 39

Prevailing direction E or SE

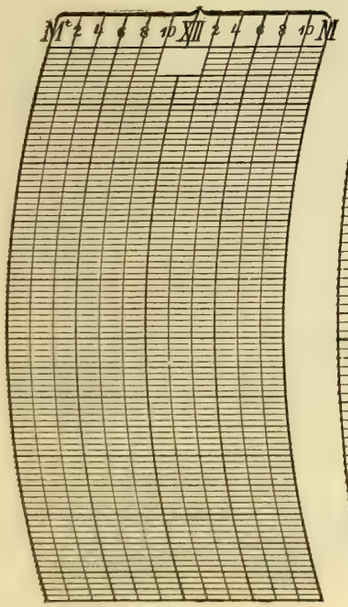
Total movement, 99

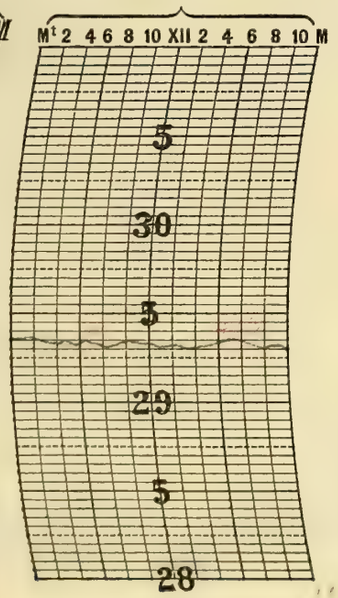
Average hourly velocity, 4.1

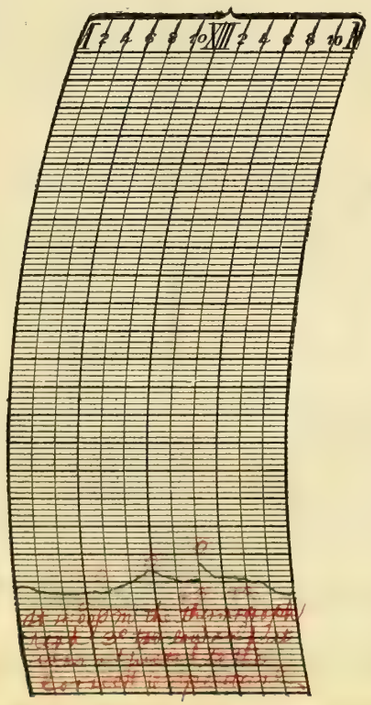
Maximum velocity,	Direction,	Time.
11	SE	12:53 a.m.
Ex Vel. 11	SE	12:53 a.m.

		a. m.		p. m.
Relative humidity,	91	12 m.	11	7
Reduced barometer,	30.35	7	30.36	7
River gage,	2.8 ft			

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

*Sun shining through detached clouds.

Generally cloudy with snow flurries last half of day, with some [illegible]

Continued cold and unpleasant weather.

Prepared by [illegible]

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) X, (Date) DEC 30 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	4	4	2	1	1	1	0	1	3	3	4	4
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunrise: Time, 7:06 Character, Clear												
Sunshine (in tenths of hours)								0.2 0	0.1	0.7	0.6	0
Wind direction	N	W	W	W	SW	SW	SW	S	S	SW	SW	S
Wind movement	3	3	2	14	11	3	5	5	7	10	8	8
Maximum velocities (exceeding ___ miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	11	12	12	12				14	12	7	7	7
State of weather: Nature of precipitation and time of beginning and ending				Sdg 305 E 530								
Amounts of precipitation												
Cloudiness and other conditions										7		
Sunset: Time, 4:22 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	10	8	10	10	10	9	10	10	9	10	11	7
Maximum velocities (exceeding ___ miles)												

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
12	2	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ___

Average hourly cloudiness (0–10) 7.6

Actual sunshine, hours, 1.6

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 17

Prevailing direction, S

Total movement, 176

Average hourly velocity, 7.3

Maximum velocity,	Direction,	Time.
13	SE	6:44 p.m.
Ex Vel 13	SE	6:44 p.m.

Relative humidity, 61 7 a. m. 12 m 59 7 p. m.

Reduced barometer, 30.63 7 a. m. 30.43 7 p. m.

River gage, 3.0 ft.

NOTES.

There was dense smoke near eastern horizon from 2:0 a.m. until 8:25 a.m.

Light snow between 3 and 4 p.m.

Increasing cloudiness from the ass. observation day being generally cloudy, intensely cold [illegible]

Prepared by [illegible]

FH

U. S. DEPARTMENT OF AGRICULTURE WEATHER BUREAU

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 29 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-	4	-	3	2	0	1	1	5	8	9	10	11	11	12	11	11	11	10	9	9	8	7	7
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)								0.5 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.35 0							
Wind direction	NE	NE	NE	N	N	N	N	N		NE	NE	NE	NE	N	NE	N	NE	N	N	N	W	W	W	NW
Wind movement	11	10	10	7	7	7	6	6	9	14	12	13	10	9	9	7	4	3	3	2	3	3	4	4
Maximum velocities (exceeding ___ miles)																								

Sunrise: Time, ; Character, Clear

Sunset: Time, 4:32; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
12	0	6	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness, (0-10) 1 ten

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction, N

Total movement, 173

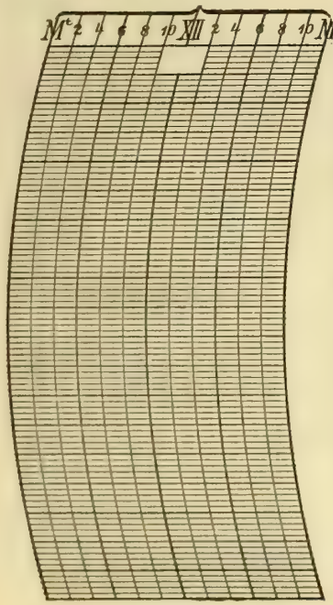
Average hourly velocity, 7.2

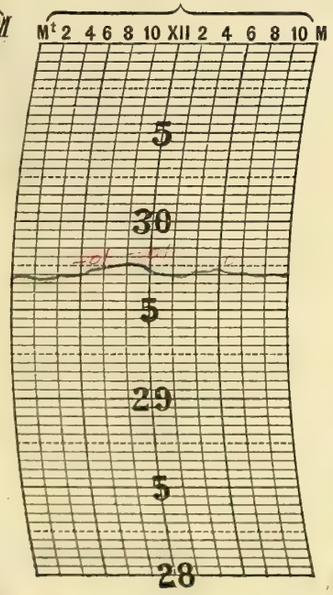
Maximum velocity,	Direction,	Time.
18	NE	9:17 am
Ex. Vel. 19	NE	9:19 "

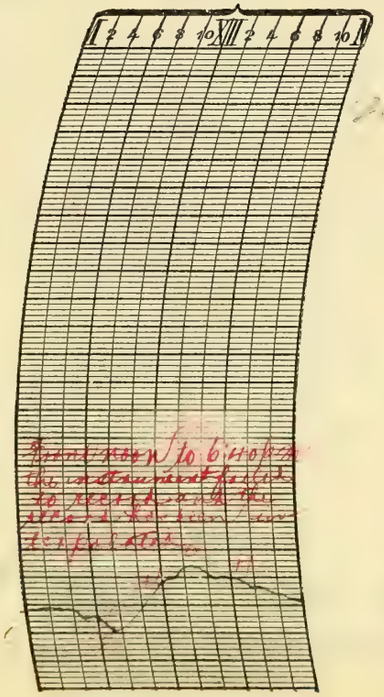
Relative humidity, 84 7 a. m. 12 m 57 7 p. m.

Reduced barometer, 30.72 7 a. m. 30.74 7 p. m.

River gage, 3.2 ft.







NOTES.

Cold and Clear with

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 28 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	27	22	21	17	14	12	10	8	8	9	9	8	9	9	8	7	6	6.0	6	4	4	4	4
State of weather: Nature of precipitation and time of beginning and ending																					SdB B.N	–	–	SdE AN
Amounts of precipitation																					–	–	–	–
Cloudiness and other conditions									Cloudy															
Sunshine (in tenths of hours)								0	0	*0.5	*1.0	*1.0	*1.0	*1.0	*0.8	0	0							
Wind direction	W	NW	NW	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	18	17	17	17	16	13	15	14	15	14	13	16	14	15	15	17	16	15	16	15	13	13	13
Maximum velocities (exceeding 99 miles)																								

Sunrise: Time, 7:06 Character, Cloudy

Sunset: Time, 4:20 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	4	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase, Full Moon 3:52 a.m.

Average daily cloudiness, (0-10) 9

Actual sunshine, hours, 5.3

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 58

Prevailing direction, NE

Total movement, 361

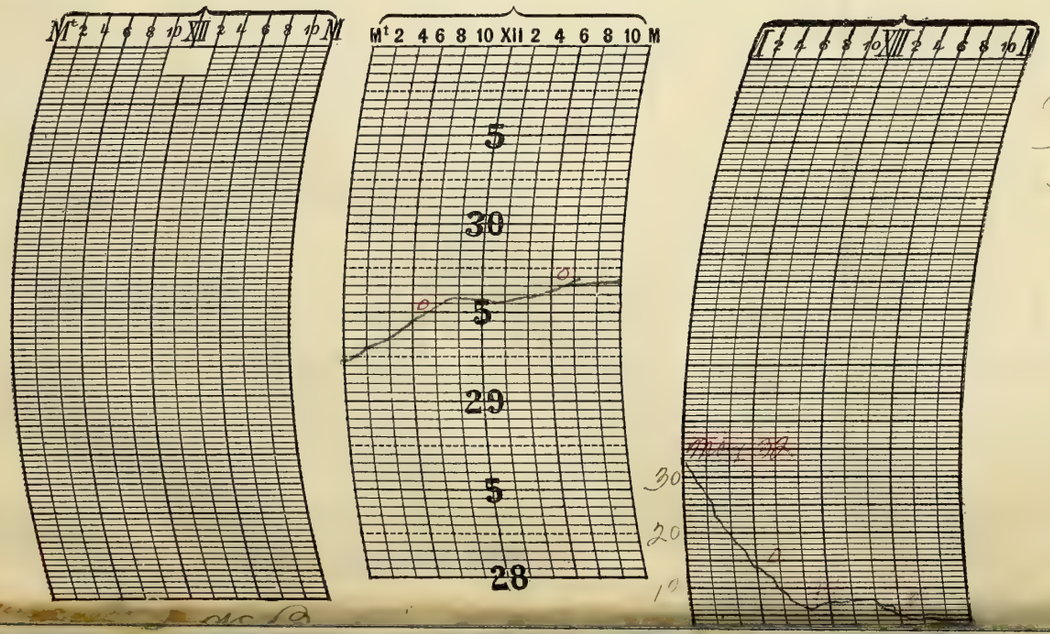
Average hourly velocity, 15.0

Maximum velocity,	Direction,	Time.
24	NW	1:01 a. m.
Ex. Vel 25		1:01 p. m.

Relative humidity, 60 7 a. m. 12 m. 55 7 p. m. 58

Reduced barometer, 30.45 7 a. m. 30.63 7 p. m.

River gage, 3.54



NOTES.

* Sun shining through detached clouds.

Generally Cloudy, with light Snow in the late Night. Intensely Cold, the Coldest morning of the 27th being fully warmer.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 29 1917, 191

Time (local standard), 90 mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	4	4	4	3	2	0	1	1	5	8	9	10	11	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	9	0	[illegible]	[illegible]
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)								0.5 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.35 0							
Wind direction	NE	NE	NE	N	N	N	N	N		NE	NE	NE	NE	N	NE	N	NE	N	N	N	N	W	W	NW
Wind movement	11	10	10	7	7	7	6	6	9	14	12	23	10	9	9	7	4	3	3	2	3	3	4	4
Maximum velocities (exceeding 25 miles)																								

Sunrise: Time, 7:04; Character, Clear

Sunset: Time, 4:32; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
12	3	6	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness, (0-10) 1.0

Actual sunshine, hours, 9.2

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 100

Prevailing direction, N

Total movement, 172

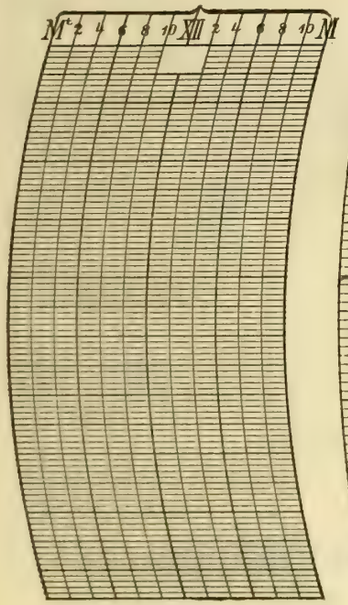
Average hourly velocity, 1.2

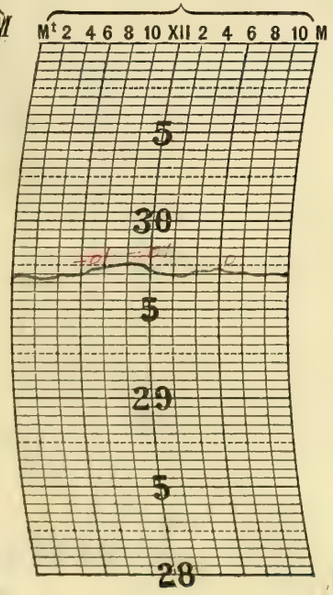
Maximum velocity,	Direction,	Time.
18	NE	9:17 a.
Ex. Vel. 19	NE	9:19 a.

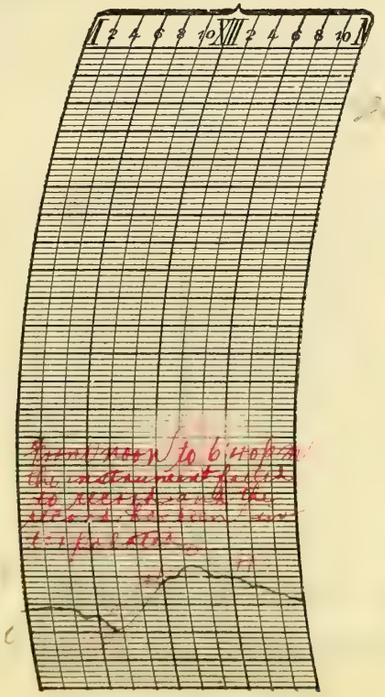
Relative humidity, 84 7 a. m. 72 2 p. m. 57 7 p. m.

Reduced barometer, 30.72 7 a. m. 30.74 2 p. m.

River gage, 3.2 ft.







NOTES.

Cold and Clear with

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 28 1917, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	27	22	21	17	14	12	10	8	8	9	9
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									Cloudy			
Sunrise: Time, Character,	7:06 Cloudy											
Sunshine (in tenths of hours)								0	0	*0.5	*1.0	*1.0
Wind direction	W	NW	NW	N	N	N	N	N	N	N	NE	NE
Wind movement	14	18	19	17	17	15	13	15	14	15	14	13
Maximum velocities (exceeding 29 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	8	9	9	8	7	6	6.0	6	4	4	4	4
State of weather: Nature of precipitation and time of beginning and ending									Sd B B.N	–	–	Sd E AN
Amounts of precipitation									–	–	–	–
Cloudiness and other conditions												
Sunset: Time, Character,									4:20 Cloudy			
Sunshine (in tenths of hours)	*1.0	*1.0	*0.8	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	16	14	15	15	17	16	15	16	15	13	13	13
Maximum velocities (exceeding 29 miles)												

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	32	4	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase, Full Moon

Average daily cloudiness, (0–10) 9

Actual sunshine, hours, 5.3

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 58

Prevailing direction, NE

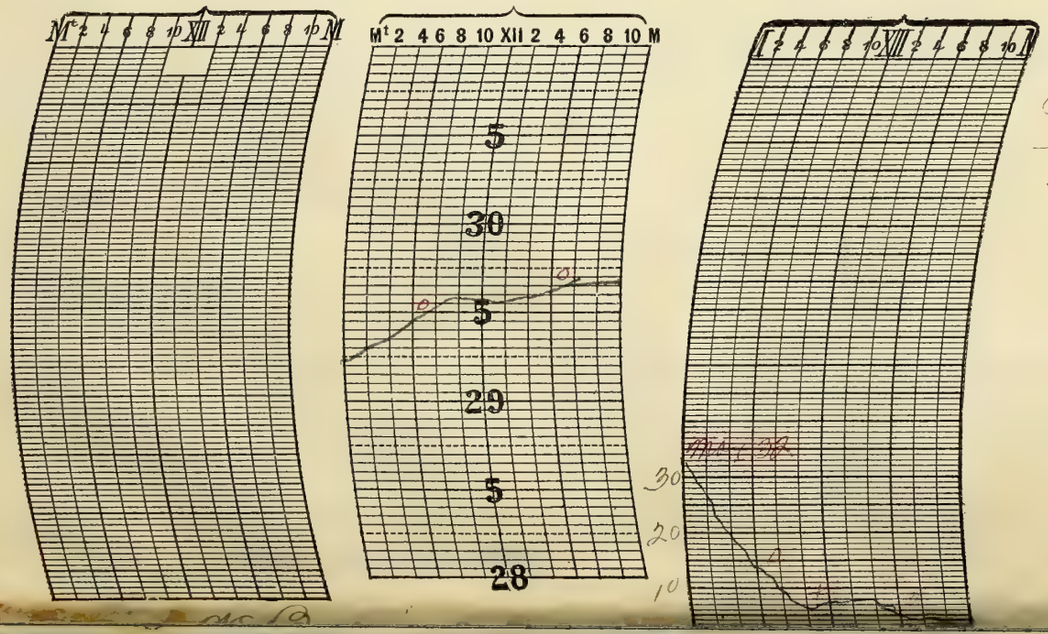
Total movement, 361

Average hourly velocity, 15.0

	Maximum velocity,	Direction,	Time.
	24 Ex. Vel 25	NW	1:01 a. m. 1:01 p. m.

Relative humidity,	60 7 a. m.	72 m	55 7 p. m.
Reduced barometer,	30.45 7 a. m.		30.63 7 p. m.

River gage, 3.54



NOTES.

* Sunshining through detached clouds

Generally Cloudy, with light Snow in the late night. Intensely Cold, the cold wave incoming of the 27th being fully verified.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 27 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	19	19	19	20	20	21	22	23	24	26	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Cloudy	
Sunshine (in tenths of hours)								0	0	0	*0.4	*1.0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	6	5	5	5	5	5	6	7	8	9	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	32	33	33	32	33	33	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunshine (in tenths of hours)	*1.0	*0.1	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	16	16	16	17	16	14	14	15	14	17	15	14

Sunrise: Time, 7:05; Character, Cloudy

Sunset: Time, 4:19; Character, Cloudy

Maximum velocities (exceeding ___ miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum.	Minimum.	Mean.	Normal.
33	17	25	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 2.5

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 27

Prevailing direction SE

Total movement, 268

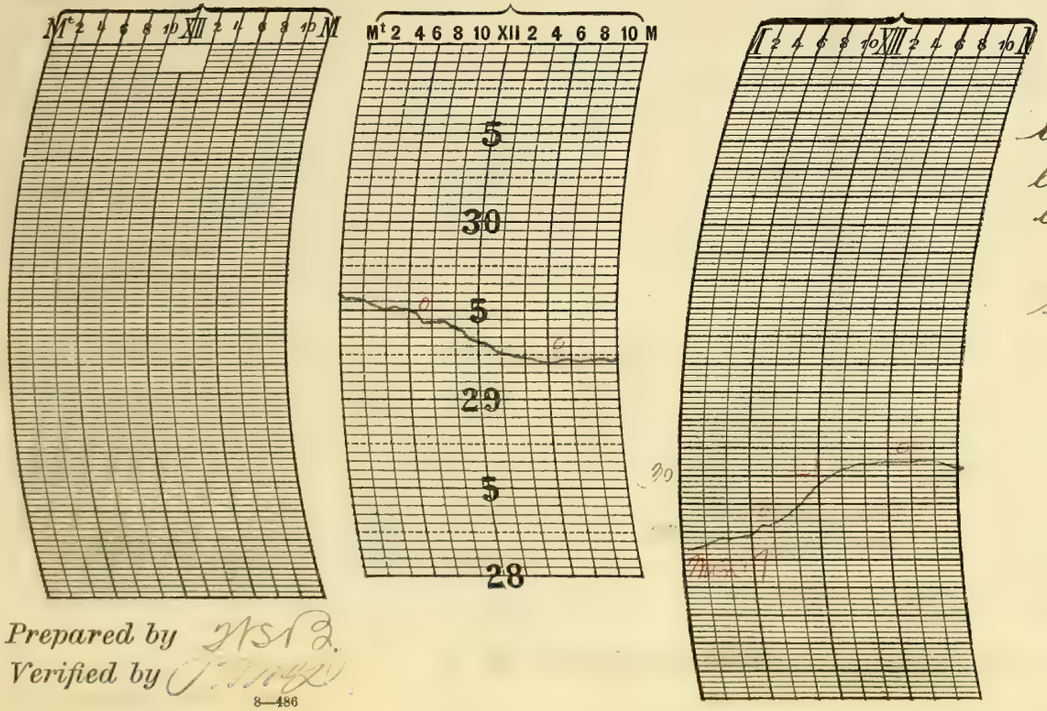
Average hourly velocity, 11.2

Maximum velocity,	Direction,	Time.
21	SW	1:57 p.m.
E+Vel. 22	SW	1:57 p.m.

Relative humidity, 77 7 a. m. mm 77 7 p. m. 79

Reduced barometer, 30.43 7 a. m. 30.18 7 p. m.

River gage, 3.5 ft. 1



NOTES.

7: Sun shining through detached clouds.

A cold wave warning was received at 2:15 p.m.; the information was telephoned to interested persons and published in the afternoon papers.

Day cloudy with moderate temperature.

Prepared by WSR.

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 26 1917, 191

Time (local standard), 90 mer. — hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	13	12	12	12	12	12	12	12	15	19	20	22	23	24	24	24	23	21	20	19	18	18	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear											Partly Cloudy		Clear					
Sunrise: Time, 7:05 Character, Clear																					Sunset: Time, 4:13 Character, Cloudy			
Sunshine (in tenths of hours)								0.9	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0							
Wind direction	N	N	NE	NE	NE	E	E	E	E	E	E	E	SE	SE	E	E	E	E	E	E	E	E	SE	SE
Wind movement	4	4	6	5	5	3	4	4	5	5	5	3	4	4	6	5	5	5	7	6	7	7	7	7
Maximum velocities (exceeding miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
24	12	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness, (0–10) 2

Actual sunshine, hours, 8.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 91

Prevailing direction, E

Total movement, 123

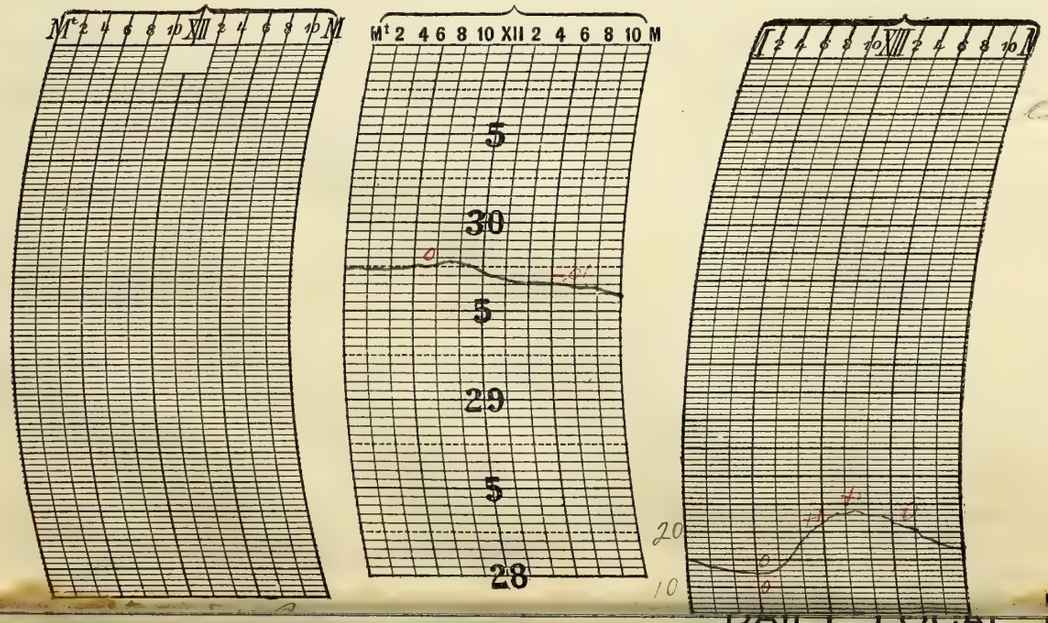
Average hourly velocity, 5.1

Maximum velocity,	Direction,	Time.
10	E	9:29 p.m.
Ex. Vel. 0	E	9:29 p.m.

Relative humidity, 52 a. m. 12 m 59 p. m. 70

Reduced barometer, 30.75 a. m. 30.63 p. m.

River gage, 3.7 ft.



NOTES.

Cold and generally Clear weather

DAILY LOCAL RECORD

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 25 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	27	24	22	20	20	18	19	18	18	20	20	22	24	24	23	22	20	20	19	17	17	17		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy								Pt. Cloudy							Clear				
Sunshine (in tenths of hours)								0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	14	16	13	14	13	14	14	12	10	10	9	10	10	9	9	9	8	6	5	6	5	6	4	5

Sunrise: Time, 7:05; Character, Cloudy

Sunset: Time, 4:18; Character, Cloudy

Maximum velocities (exceeding ____ miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
28	13	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase, ____

Average daily cloudiness, (0–10) 7

Actual sunshine, hours, 6.3

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 68

Prevailing direction, N

Total movement, 231

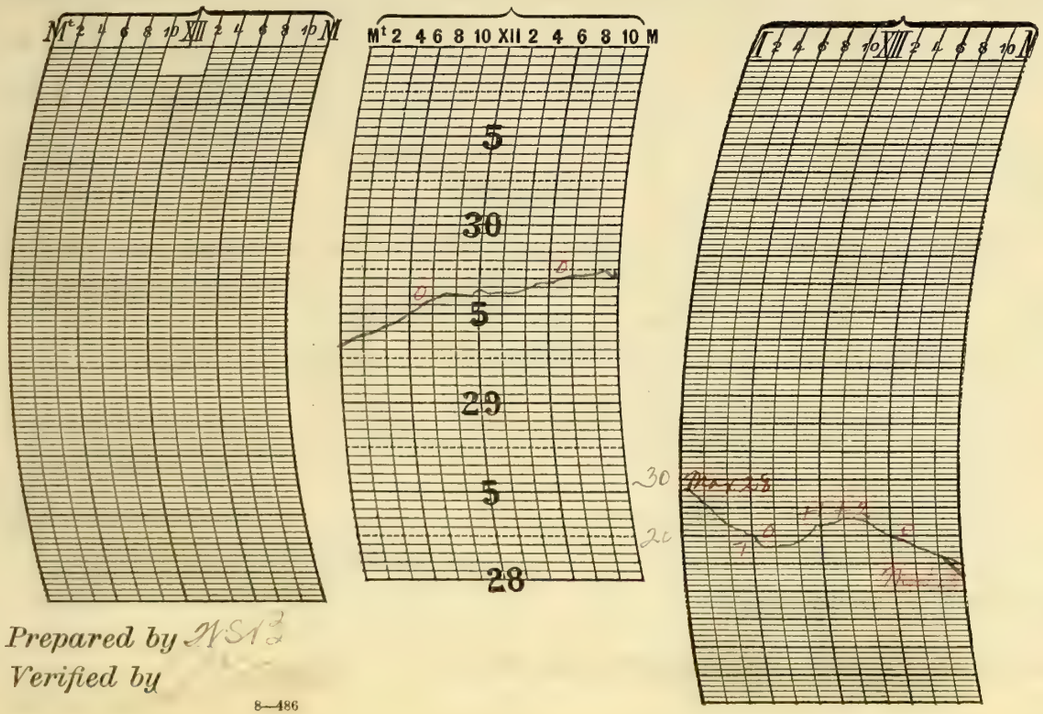
Average hourly velocity, 9.6

Maximum velocity,	Direction,	Time.
19	NW	12:07 a.m.
6x Vel 20	NW	12:07 a.m.

Relative humidity, 56 7 a. m. 12m 59 4 p. m. 56

Reduced barometer, 30.52 7 a. m. 30.68 7 p. m.

River gage, 4.0 ft.



NOTES.

The temperature fell sharply during the night of the 24th, forenoon, generally cloudy; afternoon, Pt. Cloudy to clear; and night generally clear. Cold, penetrating [illegible]

Prepared by NSB

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) M, (Date) DEC 24 1917, 191

Time (local standard), 90 mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	45	46	46	46	47	47	48	48	50	50	50	43
State of weather: Nature of precipitation and time of beginning and ending			RP IN	—	—	RE IN						RB 11:45
Amounts of precipitation			—	—	—	—						—
Cloudiness and other conditions						<				C	10	u
Sunrise: Time, 7:04 Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	15	13	16	17	17	17	16	15	15	15	13	14
Maximum velocities (exceeding ___ miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	40	40	38	36	34	33	31	31	31	30	28
State of weather: Nature of precipitation and time of beginning and ending	R.E 12:35											
Amounts of precipitation	—											
Cloudiness and other conditions									>			
Sunset: Time, 4:18 Character, Cloudy												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	15	11	11	11	17	16	15	16	15	14	14	15
Maximum velocities (exceeding ___ miles)												

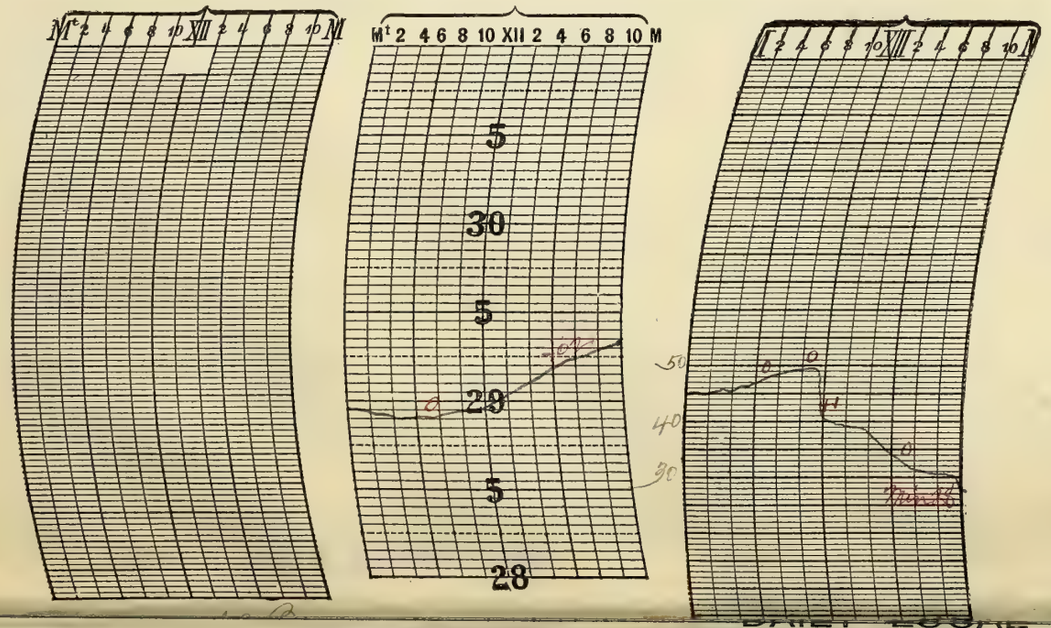
Maximum.	Minimum.	Mean.	Normal.
50	28	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness, (0–10.) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 0
Prevailing direction, SW
Total movement, 353
Average hourly velocity, 14.7

Maximum velocity,	Direction,	Time.
21	NW	4:20 p. m.
Ex Vel 25	NW	4:33 p. m.

Relative humidity, 78 7 a. m. 12 m 84 7 p. m.
Reduced barometer, 29.83 7 a. m. 30.16 7 p. m.
River gage, 4.3 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

A Polar wave warning was included with the forecast and received at 9:20 a.m.

One fair special observation was received by 5 p.m.

Some light rain first half of day; Cloudy, with falling temperature.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) DEC 23 1917, 191

Time (local standard), [illegible] mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	32	32	32	32	33	36	36	38	37	37	37	39	41	41	41	40	40	40	40	42	43	45	45
State of weather. Nature of precipitation and time of beginning and ending							Sm 8:20	—	—	Sm 10:00	E 10:00	R B 11:45	R E											
Amounts of precipitation							—	—	—	—	—	—												
Cloudiness and other conditions					←					C	l	o	u	d	y						→			
Sunrise: Time, 7:04 Character, Cloudy																					Sunset: Time, 4:17 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	*0.7	*0.2	*0.5	0							
Wind direction	S	S	S	SE	S	S	S	S	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	SW	SW
Wind movement	10	11	11	9	10	8	7	5	9	12	11	10	13	12	14	11	11	12	13	13	15	15	14	15
Maximum velocities (exceeding ____ miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

____ 1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
45	33	37	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 1.4

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 15

Prevailing direction, S

Total movement, 271

Average hourly velocity, 11.3

Maximum velocity,	Direction,	Time.
17	SW	11:20 p.m.
Ex. Vel. 17	SW	11:20 p.m.

Relative humidity, 78 7 a. m., 72 m 91 7 p. m. 79

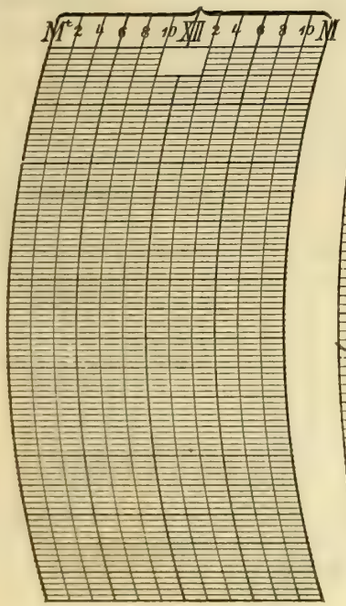
Reduced barometer, 30.10 7 a. m., 29.95 7 p. m.

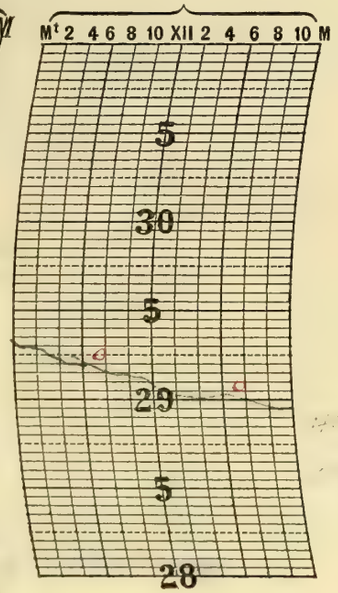
River gage, 4.8 ft.

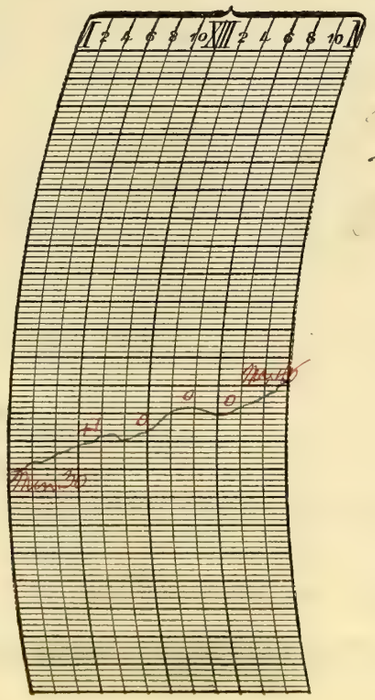
NOTES.

*Sun shining through detached clouds.

Day generally cloudy with light snow turning to rain in the forenoon. Moderate temperature.







Prepared by WSB.

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) _____, (Date) DEC 22 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	22	21	21	20	21	23	24	28	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						
Sunshine (in tenths of hours)								0.75 0.2	1.0	1.0	1.0	1.0
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	E	SE	S
Wind movement	5	3	3	5	4	5	4	5	6	8	5	6

Sunrise: Time, 7:23; Character, Clear

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	33	32	31	30	30	28	28	29	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.3 0.7	* 0							
Wind direction	S	S	S	S	SE	SE	SE	SE	S	S	S	S
Wind movement	5	6	6	6	6	4	6	5	8	9	9	9

Sunset: Time, 4:16; Character, Cloudy

Maximum velocities (exceeding 25 miles) _____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

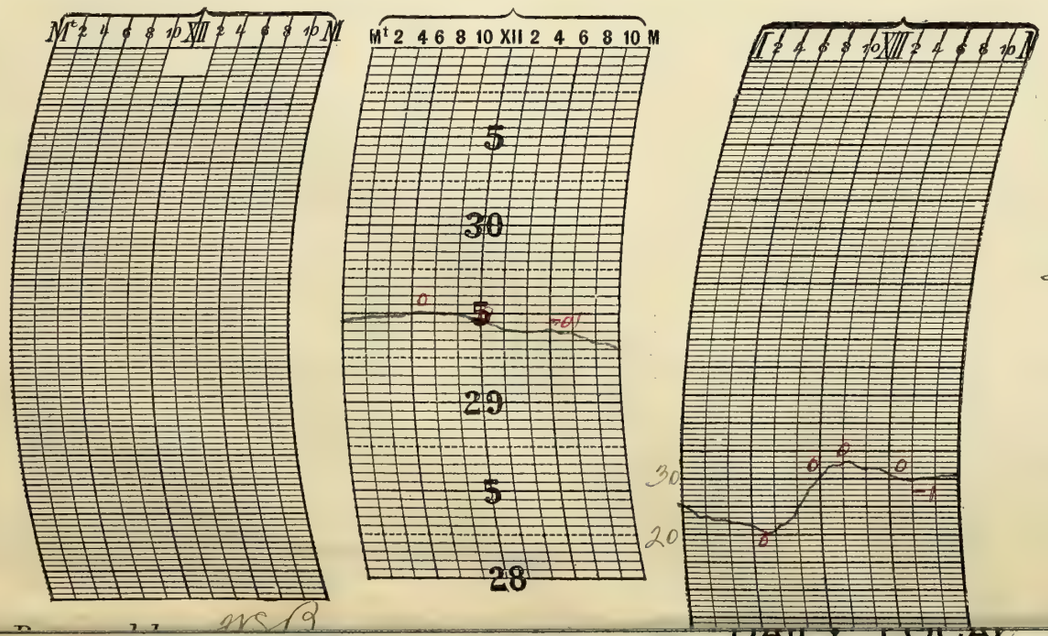
Excessive precipitation, accumulated amounts _____

Maximum.	Minimum.	Mean.	Normal.
33	20		

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 9.0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 98
Prevailing direction, S
Total movement, 137
Average hourly velocity, 5.7

Maximum velocity,	Direction,	Time.
6 x Vel.	S	11:34 p.m.
	S	11:34 p.m.

Relative humidity, 55 a. m., 57 p. m. 70
Reduced barometer, 30.467 a. m., 30.367 p. m.
River gage, 4.5 ft.



NOTES.

* Sun set behind small bank of St. clouds.
The winter solstice occurred at 3:46 a.m.
Generally clear, cool, but pleasant weather.
A faint lunar halo of 22° radius was observed at 6:00 p.m.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 21 1917, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	43	42	42	41	41	37	36	34	34	34
Nature of precipitation and time of beginning and ending			RB					RE				
Amounts of precipitation			–	–	–	–	–	–				
Cloudiness and other conditions		Dense fog						Fog	Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	NW	W	W	NW	NW	NW	NW	NW
Wind movement	15	15	14	13	9	11	11	10	11	13	12	14

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	34	34	34	34	31	30	29	28	27	26	25
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Partly Cloudy			Clear					
Sunshine (in tenths of hours)	*0.6	*1.0	1.0	1.0	0							
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	N	N	NE
Wind movement	15	16	13	14	12	11	11	7	6	6	6	6

Sunrise: Time, 7:03; Character, Foggy

Sunset: Time, 4:46; Character, Cloudy

	Maximum.	Minimum.	Mean.	Normal.
	43	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, First Quarter

Average daily cloudiness, (0–10) 6

Actual sunshine, hours, 3.6

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 39

Prevailing direction NW

Total movement, 271

Average hourly velocity, 11.3

Maximum velocity,	Direction,	Time.
16	NW	3:21 p. m.
Ex. Vel 21	NW	1:40 p. m.

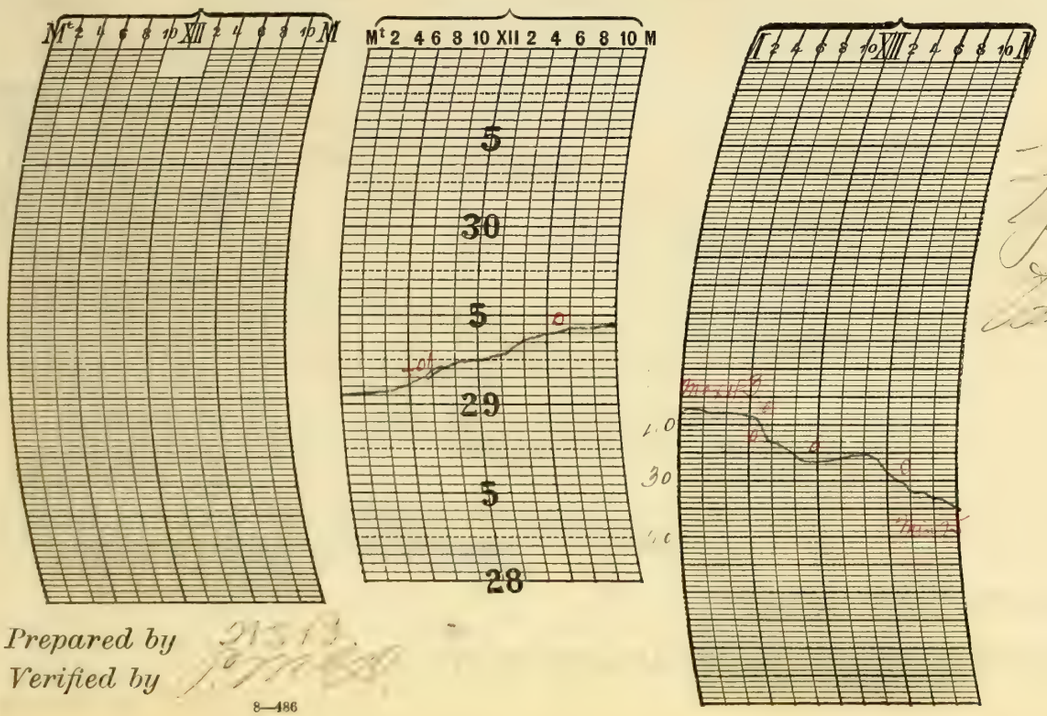
Relative humidity, 95 7 a. m. 12 m 81 7 p. m. 78

Reduced barometer, 30.06 7 a. m. 30.08 7 p. m.

River gage, 3.3 ft.

Excessive precipitation, accumulated amounts.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.



NOTES.

* Sunshining through detached clouds.

Generally cloudy with light rain and fog during the forenoon; afternoon generally partly cloudy and night clear; falling temperature during the day.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursd, (Date) DEC 20 1917, 191

Time (local standard), 90th mer.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	38	38	38	39	39	39	39	39	41
State of weather: Nature of precipitation and time of beginning and ending						RS IN	—	RE 7:45				
Amounts of precipitation						—	—	—				
Cloudiness and other conditions	2+fog		→		Heavy	8	fog	→		2+	fog	→
Sunshine (in tenths of hours)								0	0	0	0.4	0.2
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	14	15	15	16	14	12	12	13	12	15	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	48	47	46	45	43	42	42	42	42	42	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1	0							
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	14	18	20	17	21	20	18	19	15	13	16	17

Sunrise: Time, 7:02 Character, foggy

Sunset: Time, 4:15 Character, Cloudy

Maximum velocities (exceeding 20 miles)

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
48	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10) 7

Actual sunshine, hours, 3.7

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 40

Prevailing direction, SW

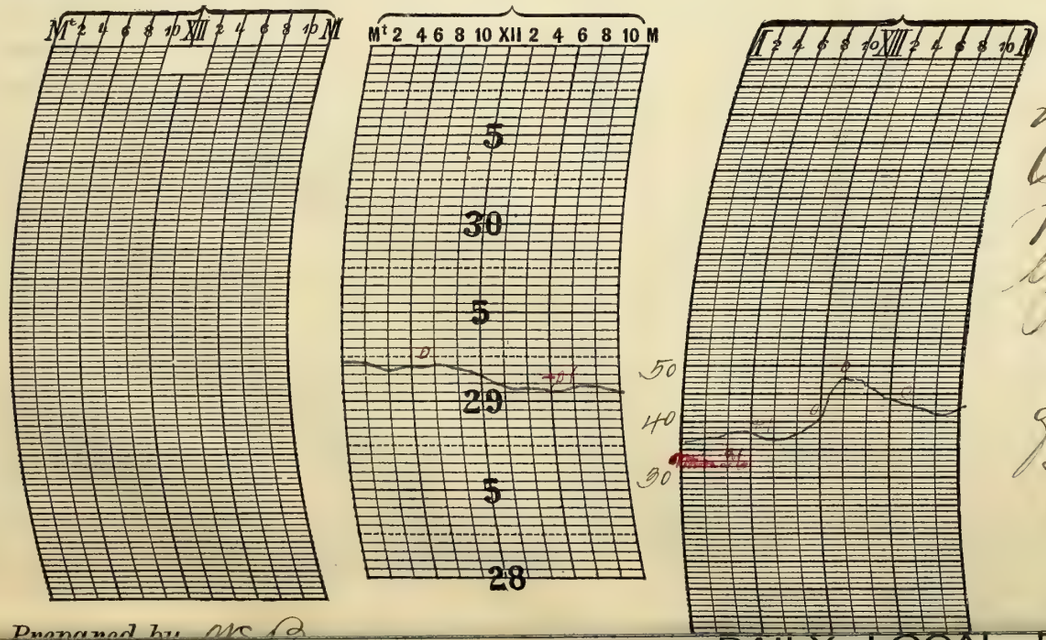
Total movement, 374

Average hourly velocity, 15.6

Maximum velocity,	Direction,	Time.
24	SW	7:33 p.m.
Ex Vel 26	SW	7:33 p.m.

	a. m.	p. m.
Relative humidity,	93	92
Reduced barometer,	30.127	29.19

River gage, 2.3 ft.



NOTES.

Light fog continued from last night ended during the night of the 20th; dense fog began in the early morning and ended at 7:30 a.m., when light fog began and continued until

Light rain began during the night of the a. m. and ended 7:45 a.m. The day as a whole was partly cloudy — Short [illegible]

Prepared by [illegible]

DAILY LOCAL RECORD

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 19 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	34	34	34	35	35	35	35	37	37	37	37	37	37	38	38	38	38	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending					RB D.N	—	RE 6:30															RB 9:30	ED.N 9	
Amounts of precipitation					—	—	—															—	—	
Cloudiness and other conditions					Dense Fog								Cloudy											
Sunrise: Time, 7:05 Character, Foggy																					Sunset: Time, 4:15 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	SW	SW	S	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	10	9	9	10	11	10	9	11	12	13	12	15	17	15	17	21	21	19	21	19	17	15	15
Maximum velocities (exceeding miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

/ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	34	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction, SW

Total movement, 340

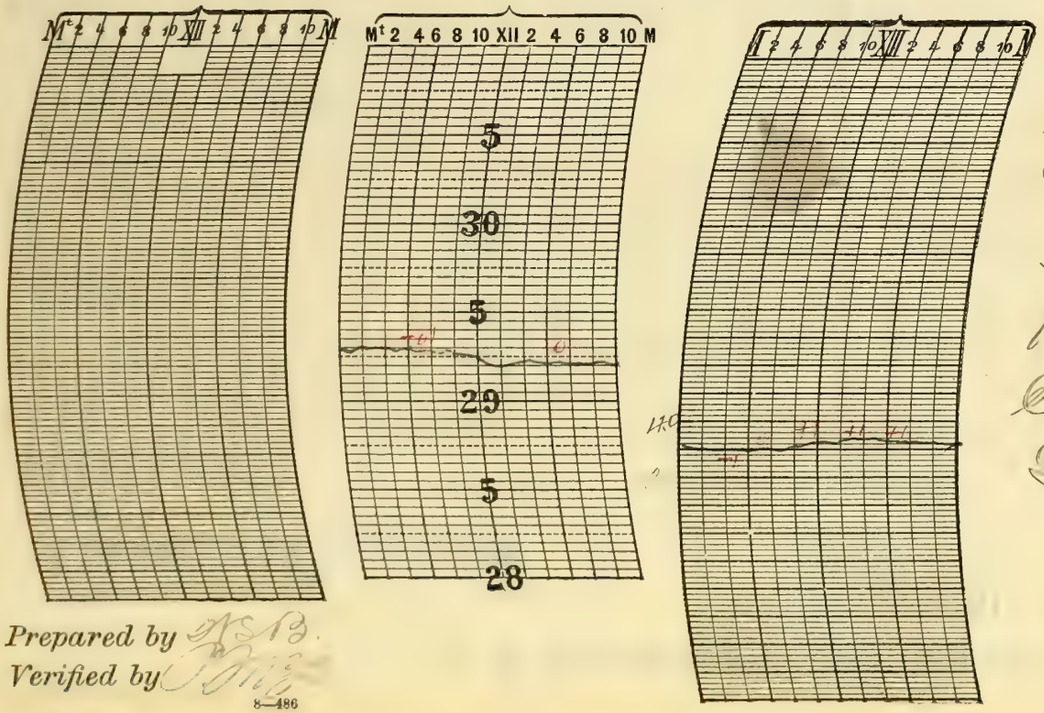
Average hourly velocity, 14.2

Maximum velocity,	Direction,	Time.
25	SW	8:03 pm
Ex Vel 27	SW	8:06 p.m.

Relative humidity, 95 7 a. m. 91 7 p. m.

Reduced barometer, 30.23 7 a. m. 30.17 7 p. m.

River gage, 2.1 ft



NOTES.

Dense fog from 8 a.m. to 12:30 p.m.; light fog began at 12:30 p.m. and continued into next day. Light sprinkling rain in the forenoon and late night. Moderate temperatures and considerable drawing smoke. Smoky.

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 18 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	18	14	18	19	21	23	26	28	32	35	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										Cloudy		
Sunrise: Time, 7.05; Character, Cloudy												
Sunshine (in tenths of hours)								0	0	0	*0.4	*0.6
Wind direction	S	SE	SE	SE	S	S	S	S	S	S	S	S
Wind movement	3	6	4	7	8	7	7	8	10	10	10	12
Maximum velocities (exceeding 25 miles)												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	37	38	38	38	38	38	37	37	37	37	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4.55; Character, Cloudy												
Sunshine (in tenths of hours)	*0.1	0	0	0	0							
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	12	13	12	13	11	12	12	12	10	11	11
Maximum velocities (exceeding 25 miles)												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
38	14	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 1.4 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase, average daily cloudiness 8-10 +

Actual sunshine, hours, 1.1

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 12

Prevailing direction, S

Total movement, 235

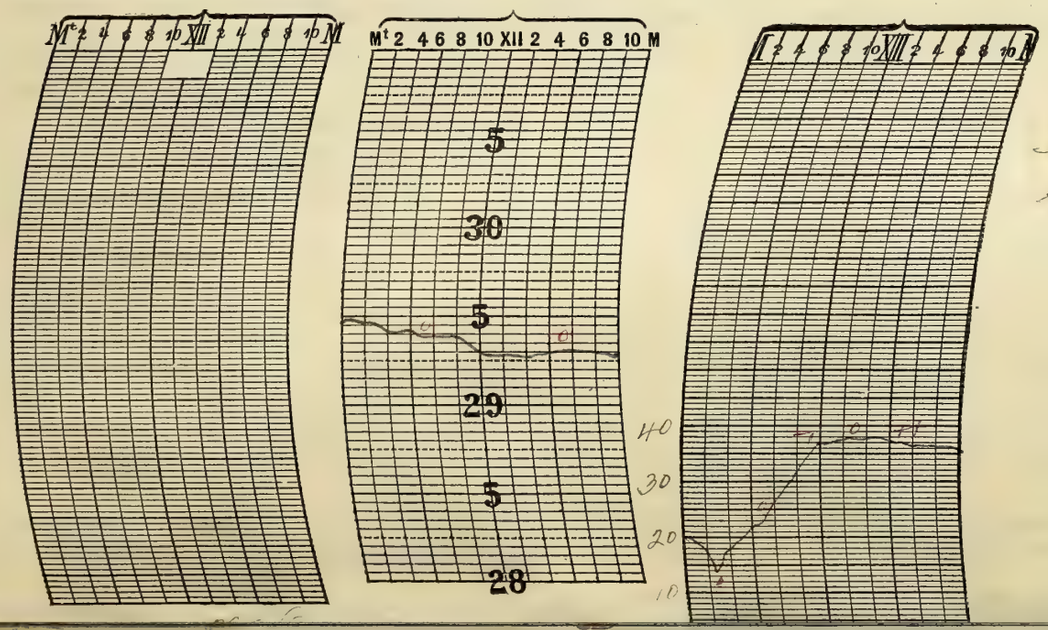
Average hourly velocity, 9.8

Maximum velocity,	Direction,	Time.
18	SW	2:49 p.m.
Ex Dec 18	SW	2:52 p.m.

Relative humidity, 84 7 a. m. noon 65 7 p. m. 74

Reduced barometer, 30.38 7 a. m. 30.28 7 p. m.

River gage, 2.1 ft.



NOTES.

* Sun shining through breaks in clouds.

Cloudy with moderating temperature. Considerable showering, and consequently streets and sidewalks slippery.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 17 1917, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	7	6	6	4	3	3	3	4	4	6	13	17
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy		Pt Cloudy			
Sunshine (in tenths of hours)								0	0	0.6	1.0	1.0
Wind direction	SE	E	E	E	NE	E	E	E	E	E	E	SE
Wind movement	4	4	5	2	3	3	4	3	3	4	3	4

Sunrise: Time, 7.01; Character, Cloudy

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	19	23	26	25	22	19	19	18	23	22	21	21
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Clear			Pt Cloudy		Clear			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8 0.2	0							
Wind direction	SE	SE	E	E	E	SE	SE	SE	SE	S	S	SE
Wind movement	3	4	4	4	6	6	5	3	5	6	5	7

Sunset: Time, 4.14; Character, Cloudy

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hour slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
26	3	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 5.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 3

Actual sunshine, hours, 6.6

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 72

Prevailing direction, E

Total movement, 100

Average hourly velocity, 4.2

Maximum velocity,	Direction,	Time.
10	SE	11:43 p.m.
Ex Vel 10	SE	11:43 p.m.

Relative humidity, 89 7 a. m. 12 m. 67 7 p. m. 85

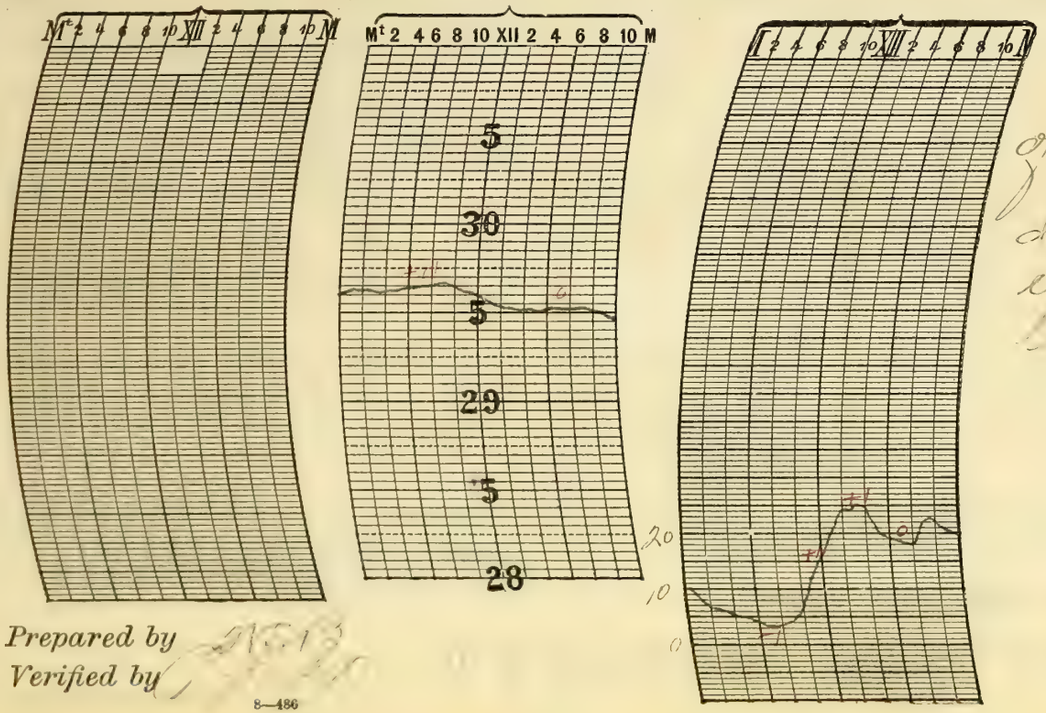
Reduced barometer, 30.65 7 a. m. 30.60 7 p. m.

River gage, 2.1 ft

NOTES.

+ From eye observations

Light fog began during the night & the a.m. and lifted at 4.45 p.m. Some cloudiness during the day, but as a rule the weather was clear, with moderately low temperature.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 16 1917, 191

Time (local standard), 75th mer. — 1 hour slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	11	11	12	12	12	13	13	15	16	16
State of weather: Nature of precipitation and time of beginning and ending	–	–	–	–	–	–	–	–	–	SE		
Amounts of precipitation	–	–	–	–	–	–	–	–	–	–		
Cloudiness and other conditions												
Sunrise: Time, Character, Cloudy												
Sunshine (in tenths of hours)								0	* 0.4	* 1.0	1.0	1.0
Wind direction	E	E	E	NE	NE	E	E	E	E	E	E	E
Wind movement	7	5	7	8	7	6	6	6	7	6	5	4
Maximum velocities (exceeding ___ miles)												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	23	23	22	21	19	16	16	14	12	10	10
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear				Pt Cloudy							
Sunset: Time, Character, Clear												
Sunshine (in tenths of hours)	1.0	1.0	1.0	× 0.2 0	× 0.2 0							
Wind direction	NE	N	W	NW	NW	NE	NE	NE	NE	NE	E	SE
Wind movement	4	2	2	3	1	1	3	2	2	3	4	5
Maximum velocities (exceeding ___ miles)												

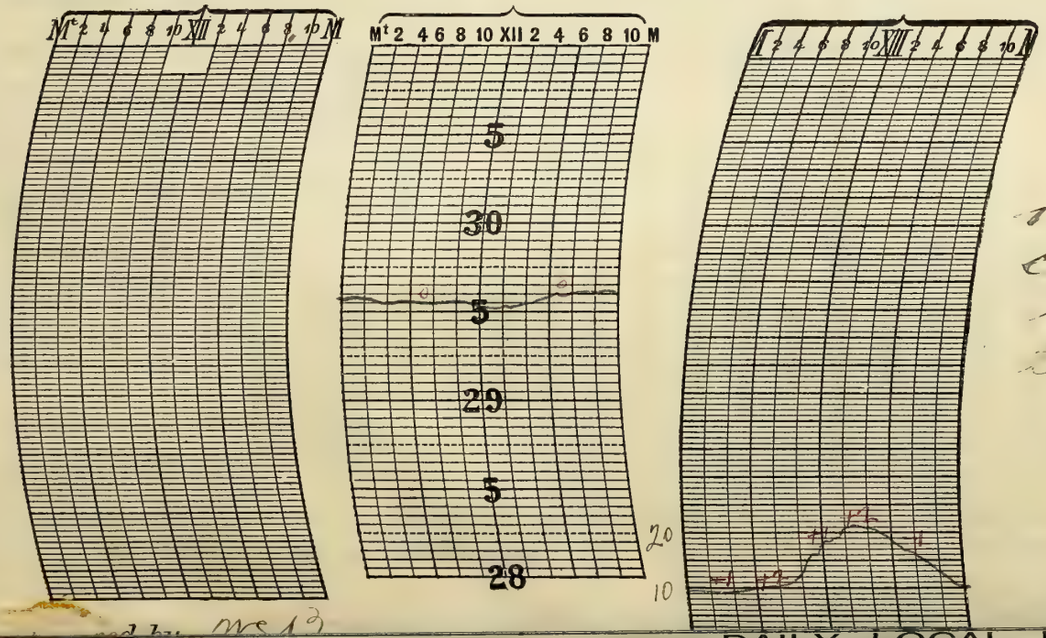
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	23	10	16	

Total depth of snow for 24 hours ending 7 p. m., 1.3 inches.
Snow on ground 7 p. m., 5.9 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness, (0-10) 4
Actual sunshine, hours, 6.4
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 70
Prevailing direction, E
Total movement, 106
Average hourly velocity, 4.4

Maximum velocity,	Direction,	Time.
9	NE	3:33 a.m.
Ex. Wind 9	NE	3:33 a.m.

	a. m.	p. m.
Relative humidity,	90 7 a.m. / 12 m	55 7 p.m.
Reduced barometer,	30.54 7 a.m.	30.59 7 p.m.
River gage,	2.7 ft.	



NOTES.

○ Estimated
* Sun shining through detached clouds
× From eye observations

No snow continued from last night ended 9:20 a.m. Forenoon cloudy, but clear to partly cloudy in the afternoon; moderating temperature —
Sidewalks slippery

DAILY LOCAL RECORD.

Prepared by [illegible]

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 15 1917, 191

Time (local standard), 90° mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	1	0	0	-1	-2	-4	-7	-3	1	9	10	12	13	14	15	14	13	12	12	12	12	12	11	11
State of weather: Nature of precipitation and time of beginning and ending																						9:45		
																						9:50	–	–
Amounts of precipitation																						–	–	–
Cloudiness and other conditions									Pt. Cloudy															
Sunrise: Time, 6:59 Character, Smoky																					Sunset: Time, 4:14 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.4	0.9	1.0	1.0	1.0	0.5	0	0							
Wind direction	SW	W	SW	SW	N	0	SW	SW	SW	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	SE	SE	E	E	E
Wind movement	6	4	4	2	1	0	5	5	1	2	8	6	7	6	6	6	5	6	6	8	7	8	7	6
Maximum velocities (exceeding ___ miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

___ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
15	-8	4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 46 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness, (0–10) 5

Actual sunshine, hours, 4.8

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 52

Prevailing direction, SE

Total movement, 122

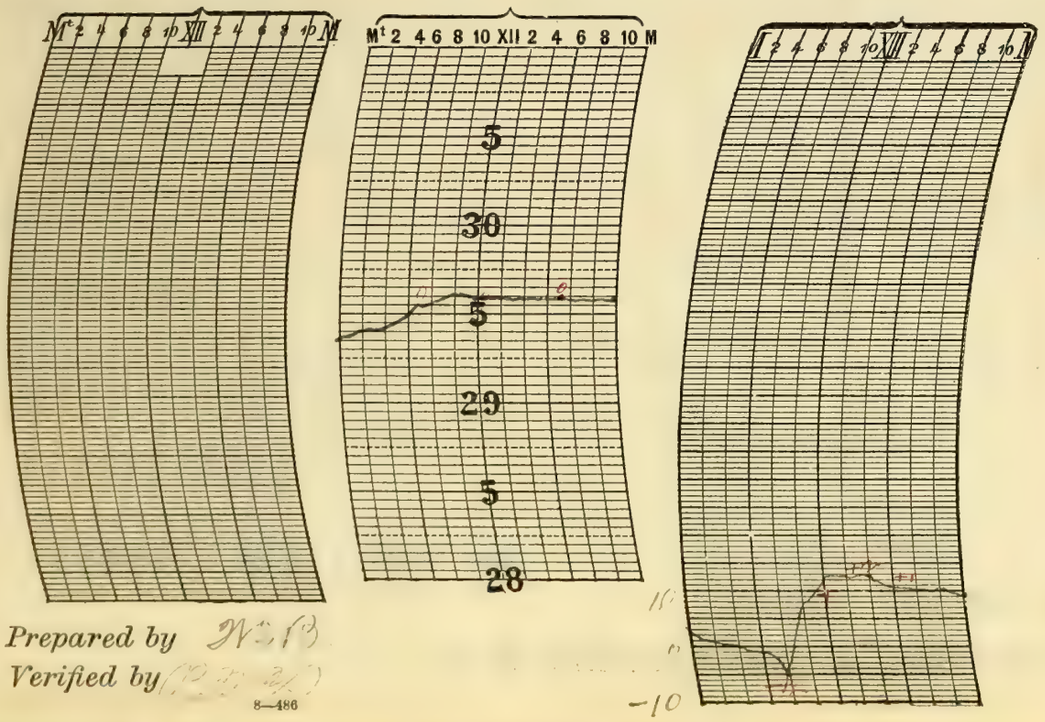
Average hourly velocity, 5.1

Maximum velocity,	Direction,	Time.
10	E	9:33 p.m.
Ex. 16	E	9:33 p.m.

Relative humidity, 38 a. m., 41 p. m.

Reduced barometer, 30.549 a. m., 30.607 p. m.

River gage, 2.1 ft.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES.

Estimated

There was dense smoke [illegible] from 6:40 a.m. until 8:15 a.m., with light smoke during the greater part of the forenoon at low elevations but clear to partly cloudy overhead. Day generally partly cloudy, cloudiness increasing during the afternoon with night cloudy. Snow beginning at 9:50 p.m. and continuing after midnight. Unusually cold in the early morning but the weather moderated slightly during the day. Sidewalks [illegible]

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) F., (Date) DEC 14 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	3	2	1	4	5	7	8	9	9	10	12	15	15	15	15	15	13	12	10	10	8	5	4	2
State of weather: Nature of precipitation and time of beginning and ending						S d E D.N.	–	–	–	–	–	–	S d E 12-30 –											
Amounts of precipitation						–	–	–	–	–	–	–	–											
Cloudiness and other conditions							Cloudy						Partly		Clear									
Sunshine (in tenths of hours)							0	0	0	0	0.4	1.0	1.0	1.0	1.0	0.2 0.8	0.2 0							
Wind direction	W	W	NW	NW	W	W	NW	W	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	SW	W	SW	SW
Wind movement	7	10	8	7	8	8	5	5	6	8	8	10	11	12	12	13	12	10	10	8	8	7	6	7
Maximum velocities (exceeding 20 miles)																								

Sunrise: Time, 6:58; Character, Cloudy

Sunset: Time, 4:13; Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hour slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	15	1	8	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow on ground 7 p. m., 4.6 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Pt Cloudy Moon phase, New Moon

Average daily cloudiness (0–10) 5

Actual sunshine, hours, 5.6

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 61

Prevailing direction, W

Total movement, 206

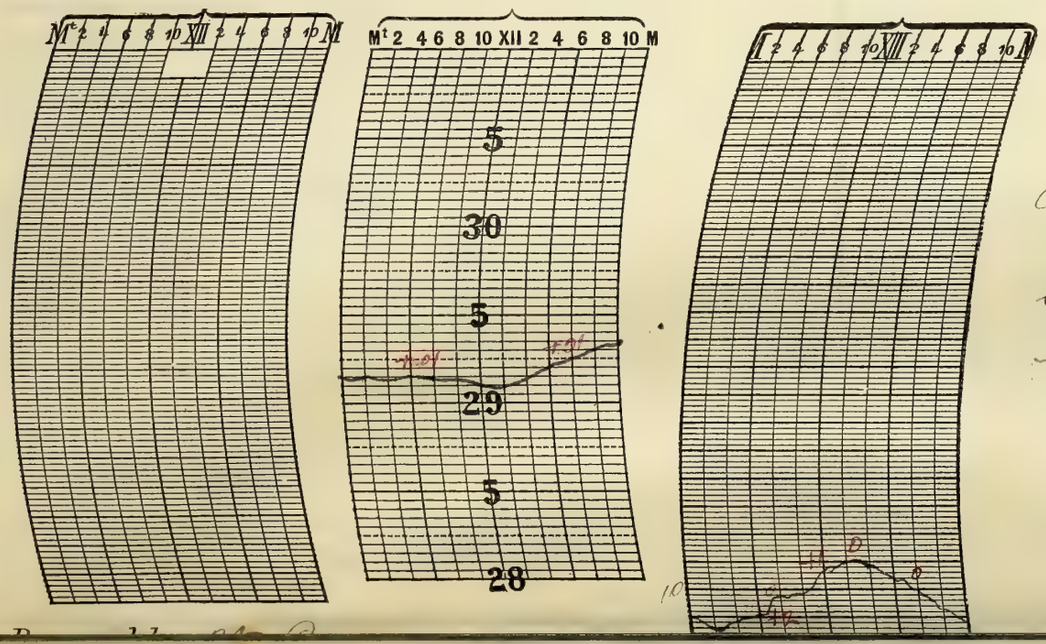
Average hourly velocity, 8.6

Maximum velocity,	Direction,	Time.
16	SW	1:56 pm
max W 17	W	3:38 pm

Relative humidity, 86 7 a. m. 12 m 82 7 p. m. 79

Reduced barometer, 30.14 7 a. m. 30.22 7 p. m.

River gage, 7.1 ft.



NOTES.

Sun shining through detached clouds. Forenoon cloudy, with light snow from D.N. of a.m. to 12:30 p.m.; afternoon and night generally clear. Low temperatures prevailed. Sidewalks icy and slippery.

Prepared by [illegible]

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) December 13, 191

Time (local standard), 90th mer. — 1 hour slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	13	14	14	14	13	12	12	13	13	14	15	17
Nature of precipitation and time of beginning and ending				✓	Sm B D.N.	-	-	-	-	-	-	-
Amounts of precipitation					-	-	-	-	-	-	-	-
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, 6.58; Character, Cloudy												
Sunshine (in tenths of hours)		✓					0	0	0	0	*0.4	*1.0
Wind direction	S	S	SW	S	E	E	E	NE	NE	NE	NE	NE
Wind movement	6	4	3	1	3	5	6	5	6	4	9	8

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	18	18	16	13	10	9	8	7	7	4	3
Nature of precipitation and time of beginning and ending	-	Sm E 2:00	✓									
Amounts of precipitation	-	-										
Cloudiness and other conditions			Clear	Cloudy	Clear	Cloudy		Clear				
Sunset: Time, 4.13; Character, Cloudy												
Sunshine (in tenths of hours)	*1.0	*1.0	0.7	0.6	0					✓		
Wind direction	NE	N	N	N	N	NW	NW	NW	W	W	W	W
Wind movement	7	9	10	13	11	9	8	6	6	8	8	8

Maximum.	Minimum.	Mean.	Normal.
18	3	10	✓

Total depth of snow for 24 hours ending 7 p. m., 1.9 inches.

Snow on ground 7 p. m., 4.0 inches.

Total snowfall, midnight to midnight, 1.9 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy Moon phase, ✓

Average daily cloudiness (0 to 10) 9

Actual sunshine, hours, 4.7 ✓

Possible sunshine, hours, 9.2 ✓

Percentage of possible sunshine, 51 ✓

Prevailing direction NE ✓

Total movement, 168 ✓

Average hourly velocity, 7.0

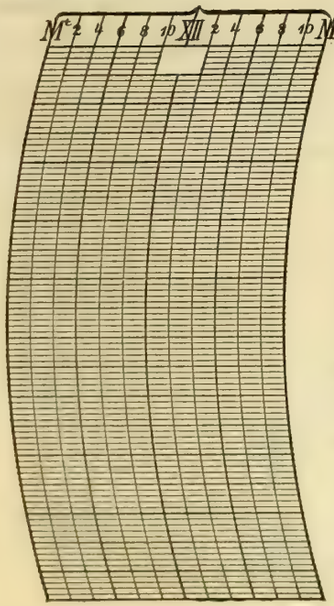
Maximum velocity,	Direction,	Time.
15	N	3:37 p.m.
Ex Vel.	NW	3:27 p.m.

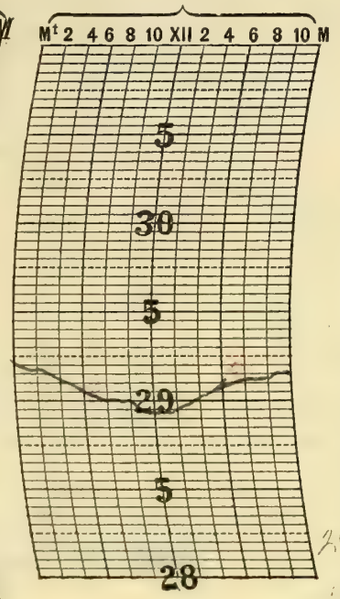
Relative humidity, 87 7 a. m. 12 m 84 7 p. m. 78

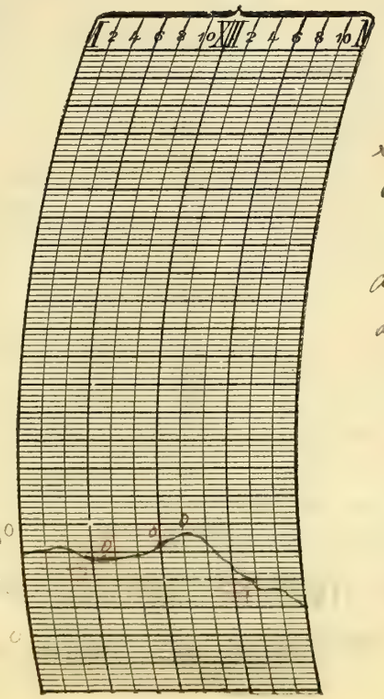
Reduced barometer, 30.00 7 a. m. ✓ 30.08 7 p. m.

River gage, 2.1 ft ✓

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.







NOTES.

Sun shining through detached clouds & from eye observations

Generally cloudy and cold with snow beginning during the night of the 12th and ending 2:00 p.m.

Cold wave warning received at 9:35 A.M. and it was distributed by phones and maps

Prepared by [illegible]

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) DEC 1 2 1917, 191

Time (local standard), 90th mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	2	1	-1	0	1	1	2	3	6	9	10	12	16	18	20	19	19	17	16	16	15	14	14	13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear			(L. Fog)	(L. Fog)			Clear												
Sunshine (in tenths of hours)							.05 0	0.2 0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.22 0							
Wind direction	S	S	S	[illegible]	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	SE	S	S
Wind movement	2	3	3	0	3	3	4	3	7	7	10	9	8	8	8	8	5	5	6	6	7	4	6	8
Maximum velocities (exceeding 24 miles)																								

Sunrise: Time, 6:57; Character, Clear

Sunset: Time, 4:13; Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

+ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
20	-1	10	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 2.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, [illegible]

Average daily cloudiness (0–10) 1.4

Actual sunshine, hours, 8.0

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 86

Prevailing direction S

Total movement, 133

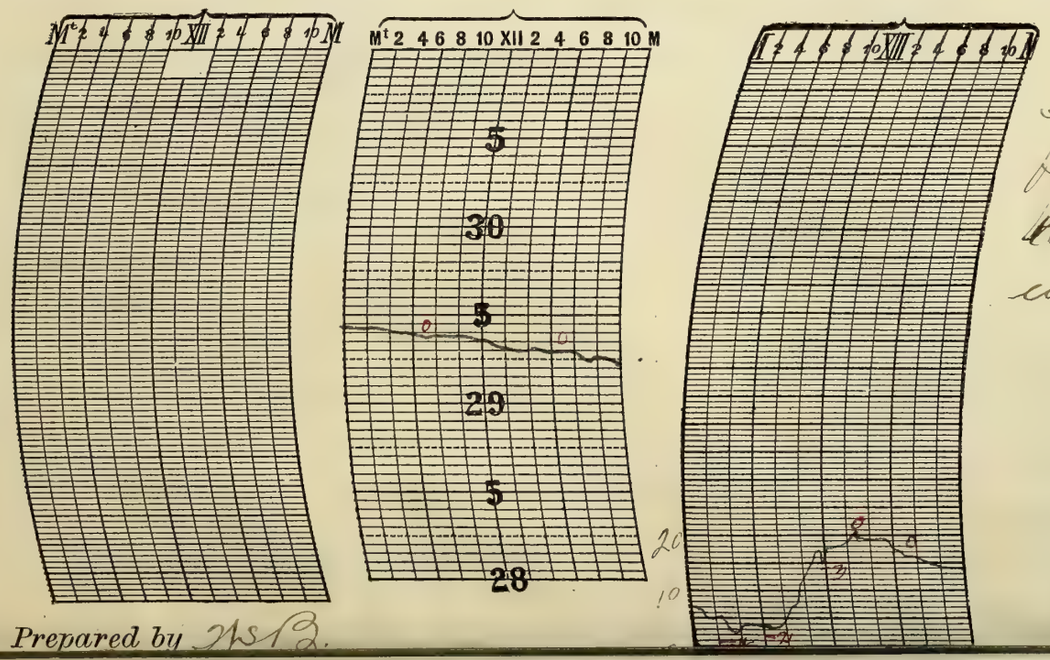
Average hourly velocity, 5.5

Maximum. velocity,	Direction,	Time.
13	S.W.	10:59 A.M.
Ex. Velocity 13	S.W.	11:00 AM

Relative humidity, 64 7 a. m. 12 m 41 7 p. m. 76

Reduced barometer, 30.37 7 a. m. 30.28 7 p. m.

River gage, 2.1 ft



NOTES.

Day generally Clear but with light fog from 8:30 am to 10:10 am, and dense fog from 7:17 am to 8:30 am. Slowly rising temperature. Streets and sidewalks somewhat slippery, especially the [illegible]

Prepared by [illegible]

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 1 1 1917, 191

Time (local standard), 90 mer.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	-2	-2	-2	-3	-4	-6	-5	-2	3	6	9	12	13	12	12	12	10	9	9	8	7	5	5	3
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←		Clear								X	24 Cldy	X	Clear				
Sunrise: Time, 6.56 Character, Smoky																					Sunset: Time, 4.43 Character, Cloudy			
Sunshine (in tenths of hours)							0	*0.9	*0.8 0.2	1.0	1.0	1.0	1.0	1.0	0.9	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE	S	SE	SE	S
Wind movement	7	7	6	5	4	5	6	5	4	5	5	5	4	7	8	6	4	4	6	7	5	3	5	5
Maximum velocities (exceeding ___ miles)																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

___ / hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
13	-6	4	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 21 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 7.8

Possible sunshine, hours, 9.3

Percentage of possible sunshine, 84

Prevailing direction, SW

Total movement, 125

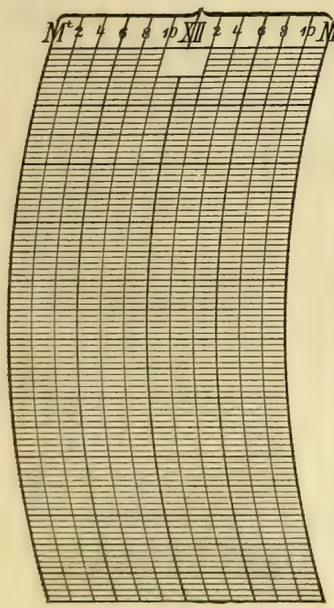
Average hourly velocity, 5.2

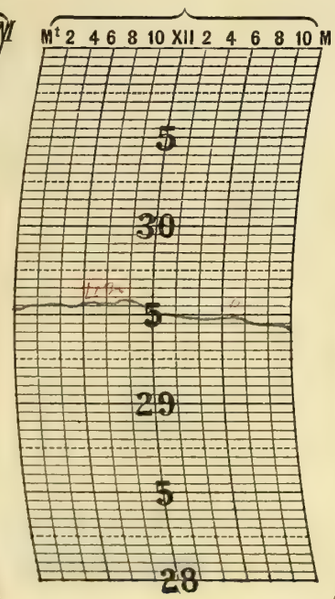
Maximum velocity,	Direction,	Time.
9	SW	2:12 p.m
6 x Vel. 9	SW	2:12 p.m

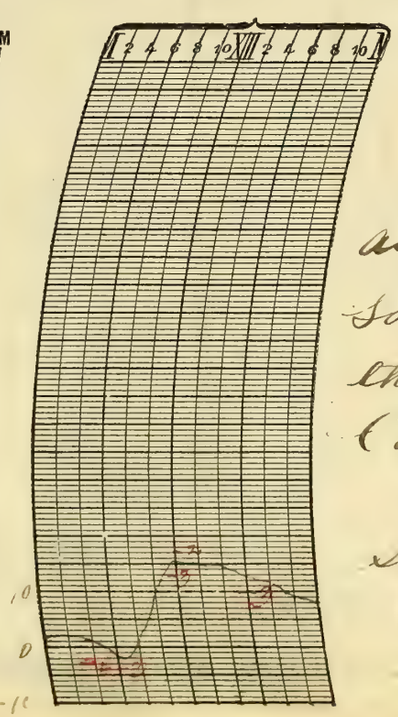
Relative humidity, 67 a. m. 72 p. m.

Reduced barometer, 30.61 a. m. 30.49 p. m.

River gage, 2.2 ft.







NOTES.

There was dense smoke northeastern horizon from 6:50 a.m. until 7:05 a.m.

* From eye observations.

The weather was generally clear, and although temperatures were somewhat milder in the afternoon, the weather continued unseasonably cold.

The streets and sidewalks were slippery, especially the sidewalks.

Prepared by WS P.

Verified by

8—486

INDEX

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras	0	0	0	0	0	0	0	0	0	0	0	0
Clouds, special formation	0	0	0	0	0	0	0	0	0	0	0	0
Cold waves	16, 14	2, 4, 5,	0	0	0	0	0	0	0	30	[illegible]	9, 28
Dew, heavy deposits of	0	0	0	0	0	0	0	0	9, 17, 24, 28	[illegible]	0	0
Droughts	0	0	0	0	0	0	0	0	0	0	0	0
Earthquakes	0	0	0	0	0	0	0	0	0	0	0	0
Fires, forest	0	0	0	0	0	0	0	0	0	0	0	0
Fog, dense	21, 29	14	0	0	0	0	27	23	16	0	10, 11, 12, 15, 27, 28	7, 12, 19, 20, 21
Floods, other than in rivers	0	0	0	0	0	0	0	0	0	0	[illegible]	0
Frosts, light	—	—	—	—	2, 13, 14	16	0	0	10, 11	—	—	—
Heavy	—	—	—	—	3, 9	0	0	0	0	—	—	—
Killing	—	—	—	15, 16	0	0	0	0	0	6	—	—
First killing after July 15	—	—	—	—	—	—	—	0	—	0	—	—
Last killing before July 15	—	—	—	16	—	—	—	—	—	—	—	—
Last heavy before July 15	—	—	—	—	9	—	—	—	—	—	—	—
First heavy after July 15	—	—	—	—	—	—	—	—	—	preceding killing	—	—
Hail. *See* Precipitation	—	—	31	0	19	0	[illegible]	0	0	0	0	[illegible]
Ice	—	—	0	0	0	0	0	0	0	—	—	—
Lightning, damage by	0	—	0	0	0	6	0	0	0	15, [illegible]	0	0
Deaths by	0	—	0	0	0	0	0	0	0	0	0	0
Meteors	0	—	0	0	0	0	0	0	0	0	0	0
Navigation, opening	0	—	0	0	0	0	0	—	—	—	—	—
Closing	0	—	0	0	0	0	0	—	—	—	—	—
Impeded	0	—	0	0	0	0	0	—	—	—	—	—
Observations, not taken	0	0	0	[illegible]	0	0	0	0	0	0	0	0
Taken late	0	0	0	[illegible]	0	0	0	0	0	0	0	0
Special	9, 10, 12, 29, 31	26	0	[illegible]	1, 22	2, 6, 9, 13	0	0	0	[illegible]	0	8, 24
Optical phenomena, haze	0	0	0	0	15, 16, 17	0	[illegible]	0	0	0	[illegible]	0
Coronæ	0	0	0	0	0	0	0	0	0	0	0	0
Halo, lunar	6	2, 27	1, [illegible]	0	0	0	0	6	0	25	0	22
Solar	0	0	0	[illegible]	0	0	0	0	0	0	0	0
Parhelia	0	0	0	0	0	0	0	0	0	0	0	0
Parselenæ	0	0	0	0	0	0	0	0	0	0	0	0
Rainbows	0	0	0	0	0	0	0	0	0	0	0	0
Sunrise, peculiar	0	0	0	0	0	0	0	0	0	0	0	0
Sunset, peculiar	0	0	0	0	0	0	0	0	0	0	0	0
Zodiacal light	0	0	0	0	0	0	0	0	0	0	0	0
Precipitation, rain, heavy	0	0	0	[illegible]	21, 22	22	[illegible]	5, 13, 27	0	18, 28-29	0	0
Excessive	0	0	[illegible]	[illegible]	0	6, 23	6, 8, [illegible]	5, 13, 27	0	18, 28-29	0	0
Sleet	21	0	0	0	0	0	[illegible]	[illegible]	0	[illegible]	0	0

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*Frosts not recorded prior to Dec. 15

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INDEX, DAILY LOCAL RECORD, 1917

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.	25,26	1,2,4,5,6,7, 8,9,13,15,16,18,	4,5,8,9,17,							12,23,29.	1,22,23,	5,6,8,9,13, 14,15,16,23,
Snow, light	5,8,10,11,12, 13,14,17,18,21,22	19,20	18,23,27	14	0	0	0	0.	0	30, [illegible]	24,25,27	28,30,31
Heavy 2 inches or over	21,26	0	0	0	0	0	0	0	0	23	[illegible]	8
Hail	0	0	[illegible]	0	19	0	9	0	0	0	0	0
Wet periods	0	0	0	0	0	0	0	27-29	0	[illegible]	0	0
Rivers, rapid rise	0	0	12	0	0	0	7	0	0	[illegible]	0	0
Flood stages	0	0	0	2-9	0	0	0	0	0	[illegible]	0	0
Low-water stages, unusual	0	0	0	0	0	0	0	0	0	0	0	0
High water, periods of	0	0	12-18	1-[illegible]	22-26	0	0	0	0	[illegible]	0	0
Frozen	0	0	0	0	0	0	0	0	0	0	0	0
Floating débris	0	0	0	0	0	0	0	0	0	0	0	0
Gorges	0	0	0	0	0	0	0	0	0	0	0	0
Running ice	0	0	0	0	0	0	0	0	0	0	0	0
Warnings. *See* Warnings	21	—	0	0	0	0	0	0	0	0	0	—
Smoke, light	0	0	0	0	0	0	0	0	0	0	9.10.	15
Dense	0	0	0	0	24	0	0	0	0	0	0	7,12,3
Temperature, unusually high	0	0	0	0	13,18,17	0	29,30,31	0	0	0	0	0
Unusually low	0	0	0	0	9	0	0	0	0	23,30,31	0	0
Sudden rise	0	0	0	0	0	0	0	0	0	0	0	0
Sudden fall	0	0	0		0	0	9,24	5,13,23	0	[illegible]	0	0
Periods of high	0	0	0		0	0	29-31	0	0	[illegible]	0	0
Periods of low	0	0	0		0	0	10-13	0	0	29-31	22-30	7-17, 25-31
Thunderstorms	0	23	10,11,13 23,27,3	20,30	18,19,29,22,24,30	5,6,13,15,21,22, 23,26,28,30	6,8,9,11,13,14, 17,18,19 24,26	5,13,[illegible],27	2,6,20	[illegible]	0	0
Tornadoes	0	0	0	0	0	0	0	0	0	0	0	0
Warnings, advisory	21	0	0		0	0	0	0	0	0	0	0
Cold wave	30,31 5,9,10,13,21	1,4,17,23	4,		0	0	0	0	0	22,29.	0	8,19,24,27
Inland storm	0	0	0		0	0	0	0	0	0	0	0
Emergency	0	0	0		0	0	0	0	0	0	0	0
Frost	0	0	0	0	0	0	0	0	10,11,30	0	0	0
Hurricane	0	0	0	0	0	0	0	0	0	0	0	0
Rapid rise in river	0	0	0	0	0	0	0	0	0	0	0	0
Flood	0	0	0	0	0	0	0	0	0	0	0	0
Winds, 25 to 39 miles per hour	1,6,7,17,18, 22,31	1,2,3,5,7,10 13,17,18,21	8,10,11,12,13,14, 24 18,19,20,25,26,27 7,16,17, 23,28,31	5,6,8,11,19,20, 21,25,26,[illegible]	4,16,19,22, 23,24,31	2,4,6,7,18, 19,23,26	1,6,7,8,[illegible]	1,5,21,24,[illegible]	2,6,24,30	12,14,26,[illegible]	22	5,9,10,19.
40 miles per hour, or over	21	4			1	0	0	5	0	0	0	[illegible]
Hurricanes	0	0	0	0	0	0	0	0	0	0	0	0

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